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Manufacturers' Shipments, Inventories, and Orders: 1987-1997

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M3-1(97)

Acknowledgments

This report was prepared under the general direction of **Stephen Andrews**, Assistant Division Chief for Economic Indicator Programs. Within the Manufactures and Construction Division, the preparation of this report was performed under the supervision of **Kathleen Menth**, Chief, Manufacturers' Shipments, Inventories, and Orders Branch, assisted by **Lee Wentela** and **Derrick Roy.** Other contributing analysts include **Clarissa Edwards, Anthony Figlioli, Joe Haurand, Doris Kling, Catherine Knudsen, Sandra Sollinger, Tempie Whittington, Jessica Young, Alice Miller, Korrey Blount,** and **Marvella Hicks.** The assistance of **Frances Porter** is also appreciated.

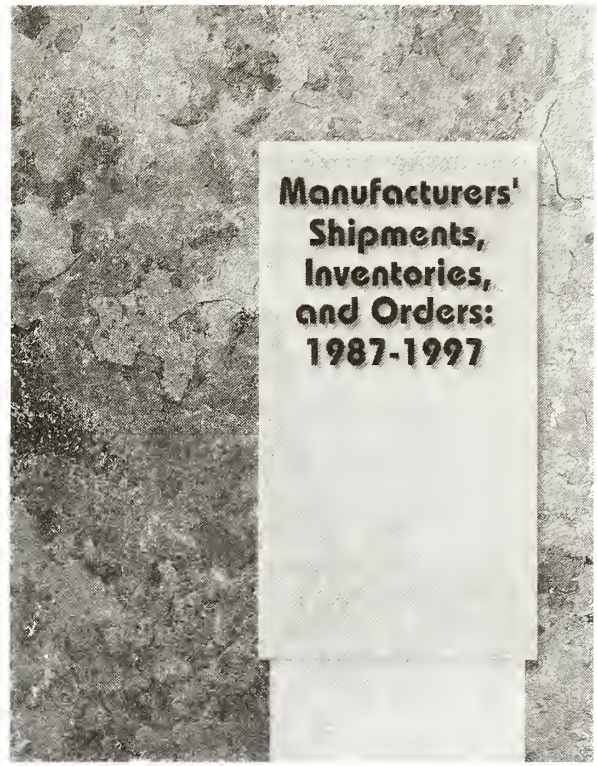
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M3-1(97)



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Summary of Revisions

GENERAL

The revisions to the historical data from the Manufacturers' Shipments, Inventories, and Orders survey, as shown in this publication, are the result of:

- Benchmarking the shipments and inventory data to the 1996 Annual Survey of Manufactures (ASM).
- Adjusting new and unfilled orders to be consistent with the benchmarked shipments and inventory data.
- Correcting monthly data for late receipts, reclassification of reported data, and revisions to previously reported data.
- Updating the trading day adjustment factors for the shipments series.
- Updating the seasonal adjustment factors for all series.

Table A summarizes the results of the first two procedures for 1995 through 1997 in the form of annual level and year-to-year percent change revisions. Table B shows the revisions attributable to late or revised data, and trading day and seasonal adjustment factor updates as they affected the more recent month-to-month trends in the seasonally adjusted data.

SPECIFIC

Appendix F includes a discussion of the trading day adjustment methodology and an updated set of daily weights for each shipments series. The tables in appendix G provide updated diagnostic information on the characteristics and quality of the seasonal adjustment for all series. Table B indicates the effects of updating the trading day and seasonal adjustment factors, as well as correcting the monthly data for late or revised data reports, on the month-to-month percent changes for 1997 for the aggregates and major industrial categories.

DATA AVAILABILITY

In addition to this report, historical data from 1958 through 1997 are available on the Internet at http://www.census.gov/ftp/pub/indicator/www/m3/index.htm.

The monthly press releases for the M3 survey are issued around the 18th working day of the month following the statistical period for the advance report on durable goods and the 23rd working day for the full report. These are available in hard copy or by a fax transmission service, both on a subscription fee basis. To subscribe to this service, call 301-457-4843. These reports are also available the day of issue through the Department of Commerce's online Economic Bulletin Board (N-8-1) (202-482-3870).

Description of Survey

The Manufacturers' Shipments, Inventories, and Orders (M3) survey provides broad-based, monthly statistical data on economic conditions in the domestic manufacturing sector. The survey measures current industrial activity and provides an indication of future business trends. Data are used by the Executive Branch of the Government for developing economic, fiscal, and monetary policy; the Bureau of Economic Analysis as components of the gross domestic product estimates; and trade associations, corporate economists, and other members of the business community as an analytical tool for assessing the current and future economic condition of the country.

COMPOSITION OF INDUSTRY CATEGORIES

There are 80 separately tabulated industry categories in the M3 survey. These categories are groupings of the 459 manufacturing industries as defined in the *1987 Standard Industrial Classification (SIC) Manual.*[1] Appendix B lists these categories.

Because companies provide data on a voluntary basis, reporting in many of these 80 categories is not sufficient to warrant separate publication of the data. Consolidated reporting by some large companies also limits the quality of the data in some categories. A company which reports on a consolidated basis (entire company or a division) is included in the M3 category in which the reporting unit as a whole is classified and has no influence on the movement of the other industries which may be included in its combined report.

As a result, it has been necessary to combine the 80 industry categories into 45 publication levels for shipments and total inventories. For new and unfilled orders and inventories by stage of fabrication, it has been necessary to introduce further combinations because of the lower response rates for those items.

COMPOSITION OF THE SURVEY PANEL

The monthly M3 estimates are based on information obtained from most manufacturing companies with $500 million or more in annual shipments. In order to strengthen the sample coverage in individual industry categories, the survey includes selected smaller companies. The sources of the companies for the survey are the quinquennial censuses of manufactures and the annual surveys of manufactures in the interim years.

For firms that operate in a single M3 industry category, the reporting unit typically comprises all operations of the company. Most large, diversified companies, however, file separate reports for divisions with significant activity in different industrial areas.

The composition of each company or reporting unit of a company in the survey usually includes more than one plant or establishment and frequently includes industry activities outside the M3 category in which it is classified. The survey methodology described later in this chapter assumes that the month-to-month changes of the total operations of the reporting units classified in each industry category effectively represent the month-to-month movements of all establishments which make up the category.

In 1962, the initially selected sample for this survey included all companies with more than 1,000 employees and smaller companies selected with probabilities proportional to their employment size within each industry category. As there was some deterioration in response rates for companies with between 100 and 1,000 employees, in January 1975, the staff selected a supplemental sample of approximately 1,000 companies from the universe of companies in this size range in order to strengthen the estimates. Although the response rate was only about 60 percent for this group, beginning in January 1978 these data were added to the panel and included in the calculations of the monthly estimates. Because of poor response rates, the survey no longer included companies with less than 100 employees; instead, data for these companies were estimated by using overall industry month-to-month movements based on data reported by the larger companies.

In recent years, the size of the value of shipments of the company or reporting unit rather than the employment size has influenced the selection of companies to increase response rates. Using this criterion, census staff visit or otherwise contact large companies that did not report in the survey to request their participation or reconsideration of a previous decision not to participate. Also, staff request large diversified reporting companies to provide additional industry categories not previously provided.

Another method used for improving response has been contacting nonreporting companies by letter. Staff send letters on an ongoing basis to companies in industry

[1] *Standard Industrial Classification Manual: 1987.* For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC. Stock No. 041-001-00314-2.

categories with low response rates. In 1990, staff selected a probability sample and mailed requests to about 400 midsize companies in the plastics industry. The purpose was to test the viability of probability sampling, especially in industries comprised primarily of smaller, less diversified companies.

As a result of these efforts, we increased response by adding about 45 to 55 percent of the companies contacted to the panel. However, respondent dropouts frequently offset these increases. The current coverage levels in the survey show that reported data represent approximately 55 percent of the shipments estimates at the total manufacturing level, while the individual coverage rates for the 20 two-digit major SIC industries vary from about 20 to 99 percent.

LIMITATIONS OF THE DATA

The monthly data presented in this publication are subject to both sampling and nonsampling errors. Sampling errors occur because reports are received from a sample rather than from the complete universe of manufacturing companies. Because the present composition of the panel is not based on a probability sample, the amount of sampling error cannot be quantified. Nonsampling errors, on the other hand, are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use primarily of large companies to represent the month-to-month movement of all companies is another potential source. In addition, response and processing errors may be present, although computer edits and analytical review of the data detect the most significant errors of this kind prior to tabulation.

MONTHLY ESTIMATION PROCEDURE

A link relative procedure derives the monthly universe estimates of shipments, unfilled orders, and total inventories for each industry category. The universe estimate for the previous month is multiplied by the monthly ratio of change tabulated for reporting companies in the current month to arrive at a universe estimate for current month.

When an individual company reports unusually large changes from the previous month, or when a particular company has unique data patterns differing substantially from the movement shown by the rest of the reporting panel in a particular industry category, the company is excluded from the ratio of change calculation but included in the universe estimate of level. The effect of this procedure is to restrict the estimation for nonrespondents and firms not in the survey panel to the general trend of the industry.

The universe estimate of new orders is derived from the monthly estimate of shipments plus the change in unfilled orders between the current and prior period. The estimate includes orders that are received and filled in the same month as well as orders that have not yet been filled. It also includes the effects of cancellations and modifications of previously reported orders.

The standard ratio estimate procedure is not followed for new orders because not all companies report new orders, and some that do report this item limit their reporting to specific products for which long lead times are required in the production cycle. These companies, in effect, exclude new orders received for products that are shipped from inventory.

A modified procedure also is used to estimate the stage of fabrication inventory data. In this procedure, the total inventory data estimated for each tabulated industry category are retabulated to the appropriate two-digit SIC major group levels and serve as control totals for the stage of fabrication data. Initial estimates are made for each of the stages of fabrication at the two-digit SIC level using the ratio estimation procedure. The differences between the sum of the stage of fabrication detail and total inventories at the two-digit SIC level are then allocated proportionally to the stage of fabrication figures to form the estimates. The reasoning behind this procedure is that a significant number of companies report total inventories but cannot report inventories by stage of fabrication.

Trading Day Adjustment

Variations in the rate of manufacturing activity resulting from different numbers of trading days in the same month for different years and variations in the length of months can be an important cause of month-to-month fluctuations in the shipments data. For many industries, these irregularities can be identified approximately and removed so that the underlying trend cycle stands out clearly.

Recent software and data processing improvements have facilitated research and implementation of unique trading day adjustment factors for each series. These improvements include refinements to the trading day analysis in the X-12 seasonal adjustment program[2], additions to diagnostic software[3] that identifies progressively unstable data patterns, and redesign of the monthly survey data processing system.

Most of the shipments series have trading day factors calculated in the trading day regression analysis routine of the X-12 software. The adjustment of 1987 to 1992 shipments used these new factors. Table F–1 of M3-1(90) shows the factors used before 1987. However, eight of the shipment series did not have identifiable trading day patterns and are only being adjusted for length of month

[2]The X-12 ARIMA Seasonal Adjustment is the program used to calculate trading day weights and to seasonally adjust data in this publication.

[3]"Sliding Spans Diagnostics for Seasonal and Related Adjustments," Findley, Monsell, and Shulman, Bureau of the Census, Washington, DC. 1986.

variations. Appendix F comprises the set of daily weights for each shipments series and a more detailed discussion of the methodology.

Seasonal Adjustment Methodology

The monthly data are adjusted for seasonality at the most detailed level tabulated in the survey, using the X-12 ARIMA version of the Census Bureau's seasonal adjustment program.[4] The seasonally adjusted estimates for shipments, unfilled orders, and total inventories for M3 industry categories are calculated by dividing the unadjusted estimates by seasonal adjustment factors computed by the X-12 ARIMA seasonal adjustment program. Seasonally adjusted new orders are computed by adding the changes between current and prior period seasonally adjusted unfilled orders to the current month's seasonally adjusted shipments.

The inventory by stage of fabrication data are seasonally adjusted at the two-digit SIC major group level for each stage. If the sum of the adjusted stage of fabrication does not equal the major group totals resulting from summing the seasonally adjusted total inventories for the individual industries, the difference is proportionally allocated to the stage of fabrication detail.

Staff calculate seasonal factors concurrently and include the current period observation in the calculation of the seasonal factor for that month. The factors reflected in this report are based on using data from January 1982 through December 1995 for shipments, unfilled orders, and inventories. Appendix G shows reliability measures regarding the adequacy of the seasonal adjustment of specific series. For information on specific measures used in the seasonal adjustment analysis, selection of options within the X-12 program for the individual industry series, and tests for the presence of seasonality, contact the Manufacturing and Construction Division, U.S. Census Bureau, Washington, DC 20233, or call 301-457-4749.

BENCHMARK PROCEDURE

The M3 survey data are benchmarked to reduce both sampling and nonsampling errors. The relatively small monthly sample size as well as the differences that result from collecting the monthly data on a divisional basis as compared to the benchmark data on an establishment basis account for most of the revision. Also, some monthly reports received too late to be included in the monthly publications are added to improve the revised estimates of change of the historical monthly data.

The benchmarking process for this report included comparing monthly data reported by large companies with their annual data submitted in the 1996 Annual Survey of Manufactures (ASM).

Estimates of annual shipments and end-of-year total and stage of fabrication inventories calculated in the monthly survey were benchmarked directly to the data compiled in the quinquennial censuses of manufactures and the interim ASM's. Beginning with the 1995 benchmark, we introduced a slight deviation in our procedure for the inventory benchmark. In benchmarks prior to 1995, the constraints were the end of year inventory levels except in census years when beginning and ending census year levels were used. This remains the procedure with the exception of the first year of a new ASM sample, which occurs every 5 years (in the years ending in 4 and 9). For those years, the beginning year inventory will be the constraint rather than the last year of the old sample's ending inventory. Based on the new procedure, the 1993 benchmark level included in this publication is the 1994 ASM beginning year inventory. The benchmarking also included adjusting the monthly data to the drift adjusted 1988-1991 Annual Survey of Manufactures. An explanation of this is included on page X in the M3-1(96) Manufacturers' Shipments, Inventories, and Orders: 1987-1996 . The unfilled orders levels were adjusted based on changes in the ratio of unfilled orders to shipments of companies reporting in the monthly survey and the ratio of the ASM shipments estimate to the summed monthly survey data. Since new orders are defined as the change in unfilled orders between the current and prior periods plus the current period shipments, implicit benchmark estimates for new orders were derived.

DEFINITION OF TERMS

Value of Shipments

The value of shipments data in the M3 survey represents net selling values, f.o.b. plant to the customer, after discounts and allowances and excluding freight charges and excise taxes. The ASM uses the same definition. However, the data reported in the two surveys frequently are not equal because of differences, discussed earlier, in the reporting unit. For multiestablishment companies, the M3 reports typically are company- or divisional-level reports that encompass groups of plants or products. The data reported are usually net sales and receipts from customers and do not include the value of interplant transfers. The reported sales are used to calculate month-to-month changes which bring forward the universe estimates developed from the ASM.

The value of products made elsewhere under contract from materials owned by the plant is also included in shipments as well as receipts for contract work performed for others, resales, miscellaneous activities such as the sale of scrap and refuse, installation and repair work performed by employees of the plant, and the receipts for research and development performed at the plant.

In the shipbuilding industry, the value of work done in a given year varies considerably from the value of shipments because of the long lead time between the start and

[4]See footnote 2.

completion of a large vessel. In both the annual survey and the M3, the value of work done during the year, rather than the value of shipments, is requested. The same procedure is followed for aircraft produced on a cost-plus contract. Aircraft produced on a fixed-price contract are reported in the usual manner when the products are shipped. Where value of work done is reported in place of shipments, the work-in-process inventories are normally charged to the customer as costs are incurred and are not accumulated as finished goods inventories by the shipyard or the aircraft producer.

The value of shipments figures developed from the ASM contain duplication at the M3 industry category and higher level aggregates, since the products of some four-digit SIC industries are used as materials by other industries within the same M3 industry aggregate. The significance of the duplication within the specific M3 industry categories varies depending on their four-digit industry composition. It is most pronounced in a few highly integrated industry areas, such as primary metals and motor vehicles and parts.

INVENTORIES

Inventories in the M3 survey are collected on a current cost or pre-LIFO (last in, first out) basis. Because different inventory valuation methods are reflected in the reported data, the estimates differ slightly from replacement cost estimates. Companies using the LIFO method for valuing inventories report their pre-LIFO value; that is, the adjustment to their base-period prices is excluded.

In the ASM, inventories are collected according to this same definition. However, there are discontinuities in the historical data in both surveys. Until 1982, respondents were asked in the ASM to report their inventories at book values; that is, according to whatever method they used for tax purposes (LIFO, FIFO, and so forth.) Because of this, the value of aggregate inventories for an industry was not precise. Effective with the 1982 Census of Manufactures, instructions for reporting inventories changed. LIFO users were asked to report inventories prior to the LIFO adjustment, as well as the LIFO reserve and the LIFO value after adjustment for the reserve. Because of this change, the 1982 census data for inventories were published on both bases. Inventory data in subsequent ASM's are available only on a pre-LIFO basis, with no book value estimates comparable to the earlier data.

This change in instructions for reporting current cost inventories was carried to the monthly survey beginning in January 1987. The data for 1982 to 1987 were previously redefined (but not recollected) on a pre-LIFO or current cost basis. As described in the section on benchmarking methodology, the procedure used in adjusting these monthly estimates from a book-value basis to the pre-LIFO levels used the pre-LIFO end-of-year levels from the ASM as constraints and the same general procedure for minimizing revisions to the month-to-month change in the monthly book-value data .

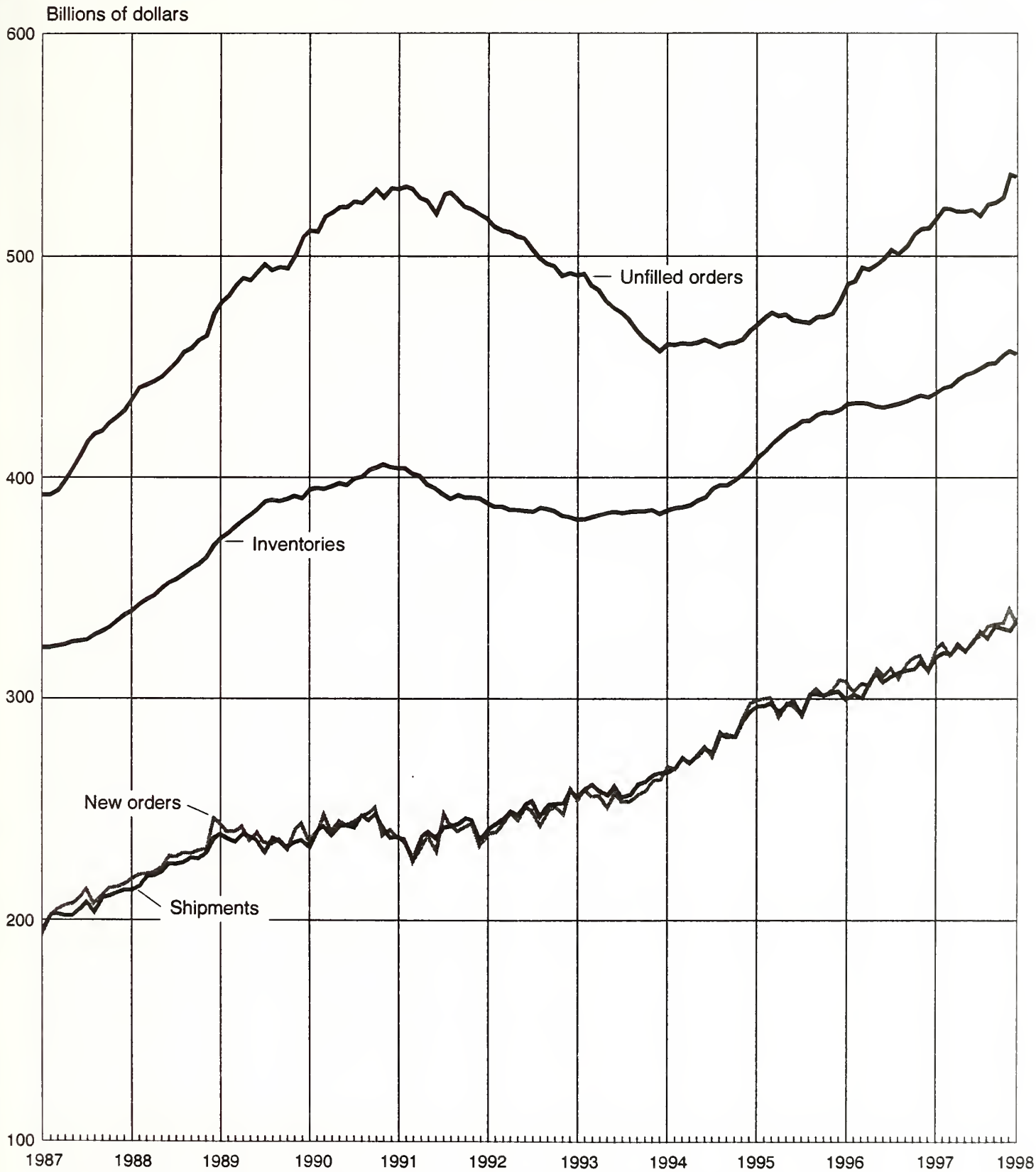
Inventory data are requested from respondents by stage of fabrication; that is, finished goods, work in process, and raw materials and supplies. There are several limitations to the quality of these data for two reasons. First, response to the stage of fabrication inquiries is lower than for total inventories because all companies do not keep their data monthly at this level of detail; those companies which do maintain monthly detailed records frequently do not have data for all three stages of fabrication or have quantity (physical volume) data only. Second, a product considered to be a finished good in one industry, such as steel mills shapes, may be reported as a raw material in another industry, such as stamping plants. Therefore, within the two-digit SIC major groups the same type of inventory may be included under different stage of fabrication categories. Like total inventories, stage of fabrication inventories are also benchmarked to the ASM pre-LIFO data, but the stage of fabrication data are benchmarked at the two-digit major group level.

NEW ORDERS RECEIVED AND UNFILLED ORDERS

New orders, as reported in the monthly survey, are net of order cancellations and include orders received and filled during the month as well as orders received for future delivery. They also include the value of contract changes which increase or decrease the value of the unfilled orders to which they relate. Orders are defined to include those supported by binding legal documents such as signed contracts, letters of award, or letters of intent, although in some industries this definition may not be strictly applicable. In the case of letters of intent, the full amount of the sales value is included if the parties are in substantial agreement on the amount; otherwise, only the funds specifically authorized to be expended are included.

Unfilled orders include orders (as defined above) that have not been reflected as shipments. Generally, unfilled orders at the end of the reporting period are equal to unfilled orders at the beginning of the period plus net new orders received less net shipments.

Figure A.
All Manufacturing Industries Shipments, Inventories, and New and Unfilled Orders, Seasonally Adjusted: January 1987 - December 1997



Source: U.S. Bureau of the Census, *Manufacturers' Shipments, Inventories, and Orders: 1987-1997*

Figure B.
Ratios of Unfilled Orders to Shipments and Inventories to Shipments, Seasonally Adjusted: January 1987 - December 1997



Source: U.S. Bureau of the Census, *Manufacturers' Shipments, Inventories, and Orders: 1987-1997*

Figure C.
Manufacturers' Shipments, Seasonally Adjusted: January 1987 - December 1997

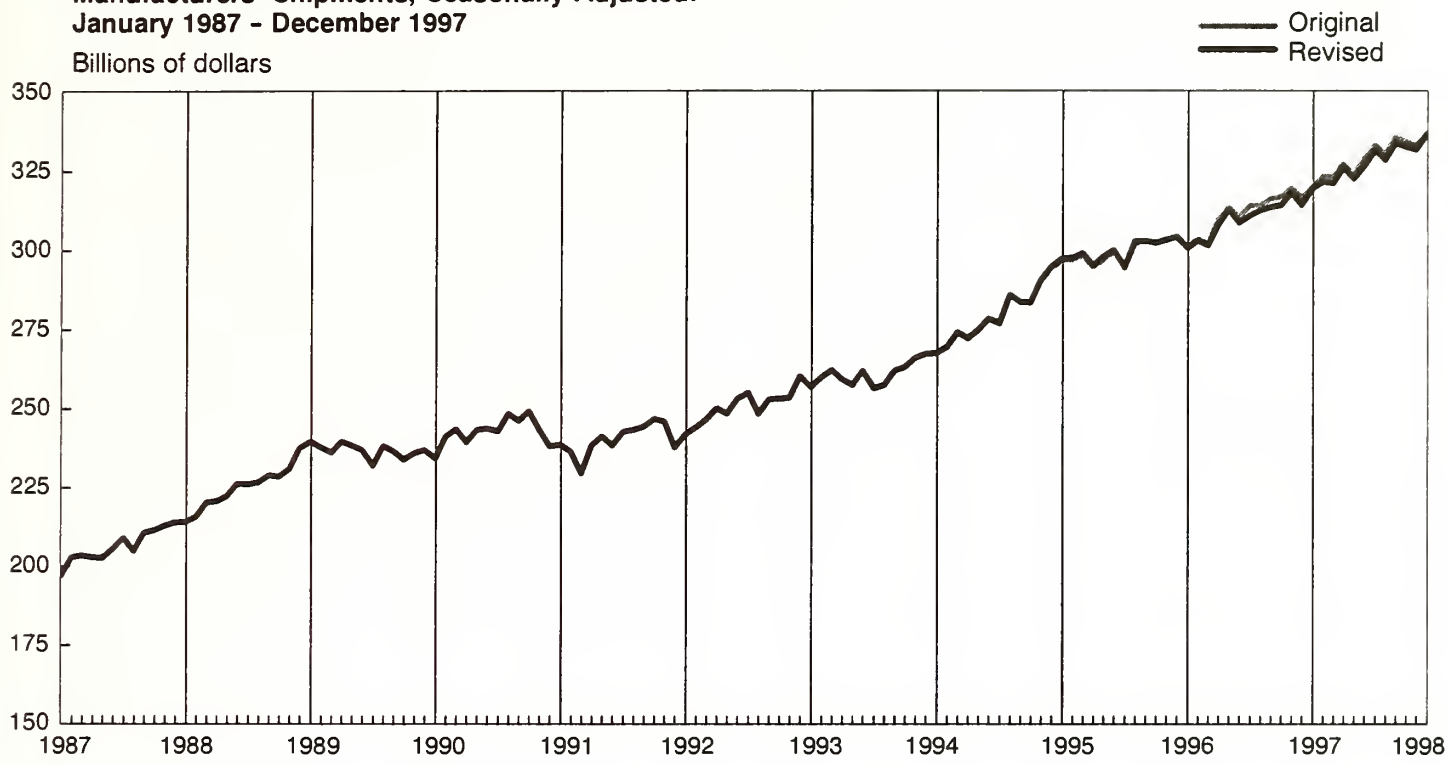
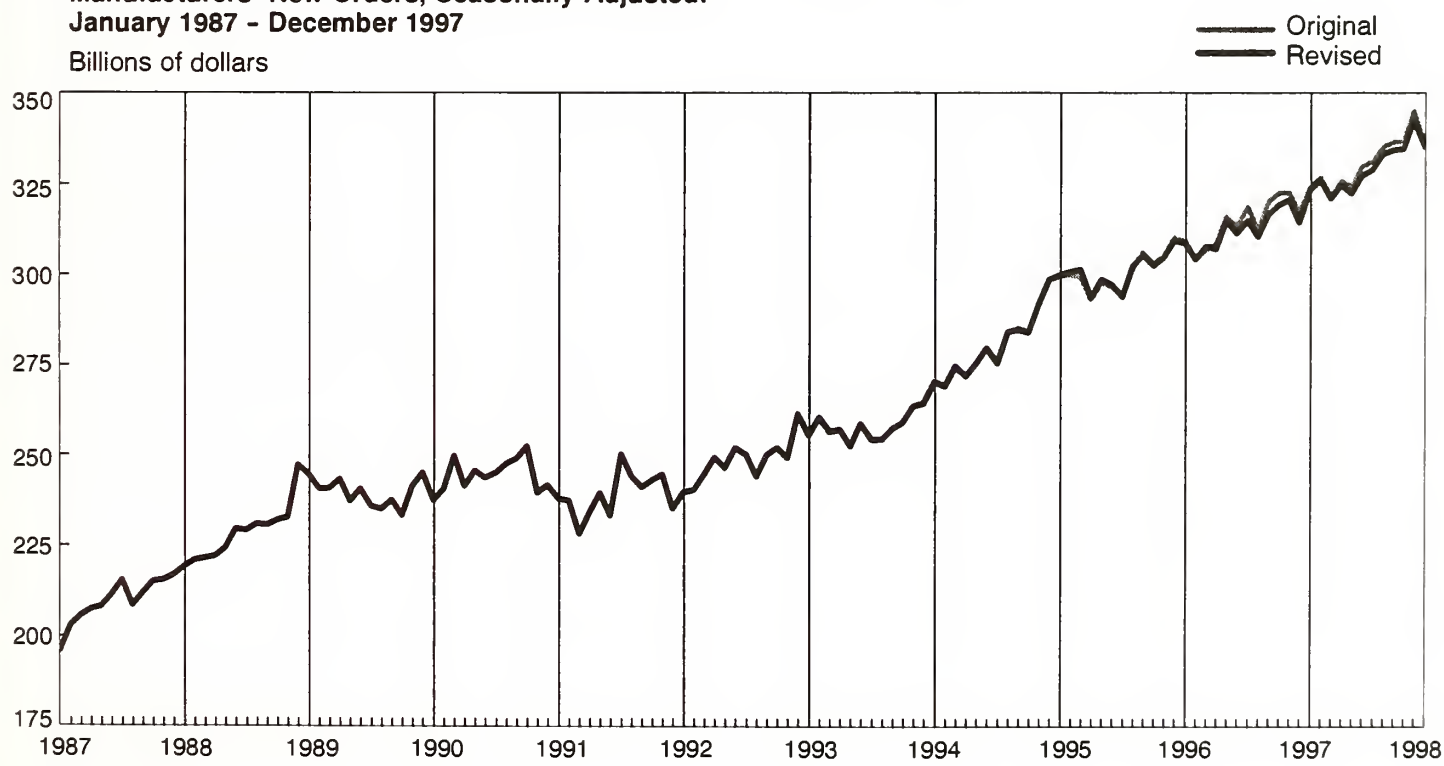


Figure D.
Manufacturers' New Orders, Seasonally Adjusted: January 1987 - December 1997



Source: U.S. Bureau of the Census, *Manufacturers' Shipments, Inventories, and Orders: 1987-1997*

Figure E.
Manufacturers' Unfilled Orders, Seasonally Adjusted: January 1987 - December 1997

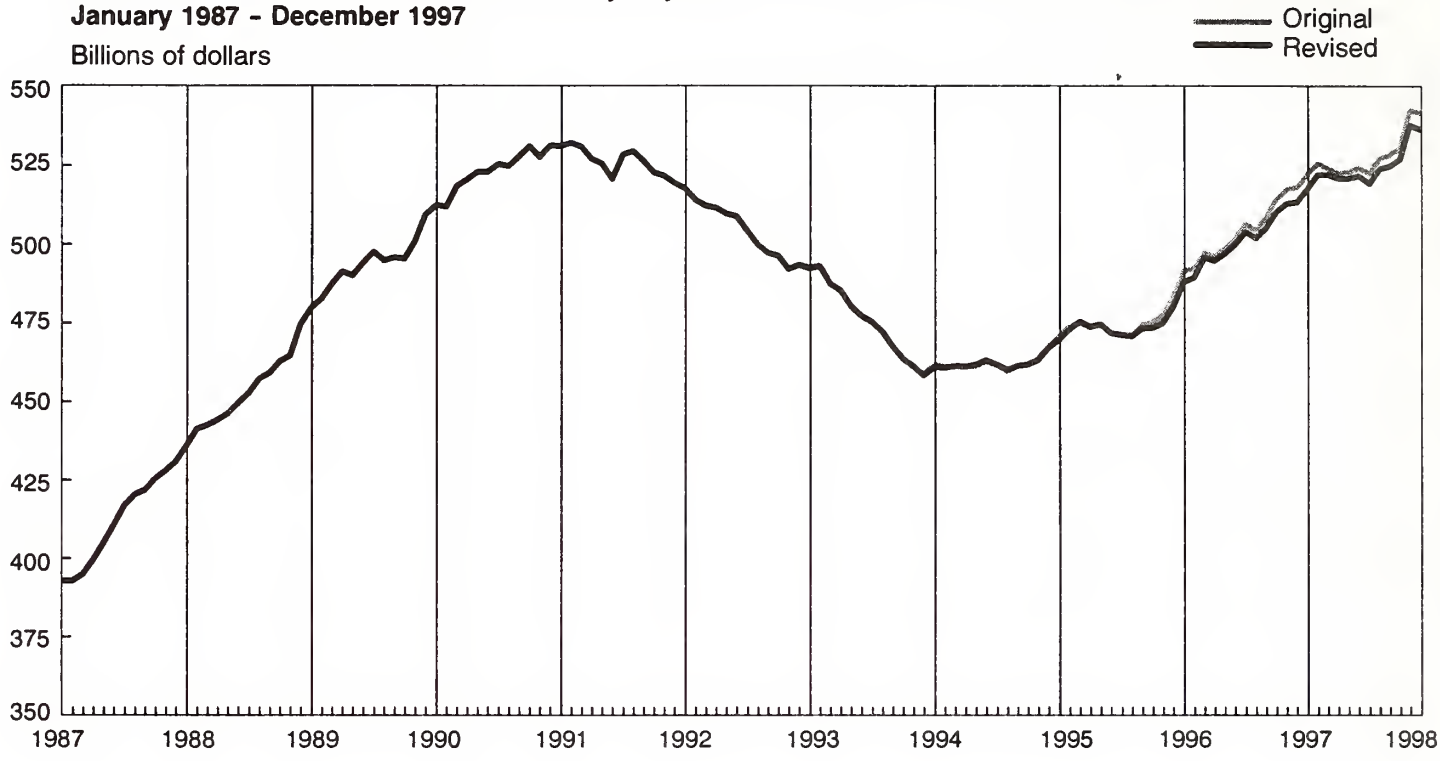
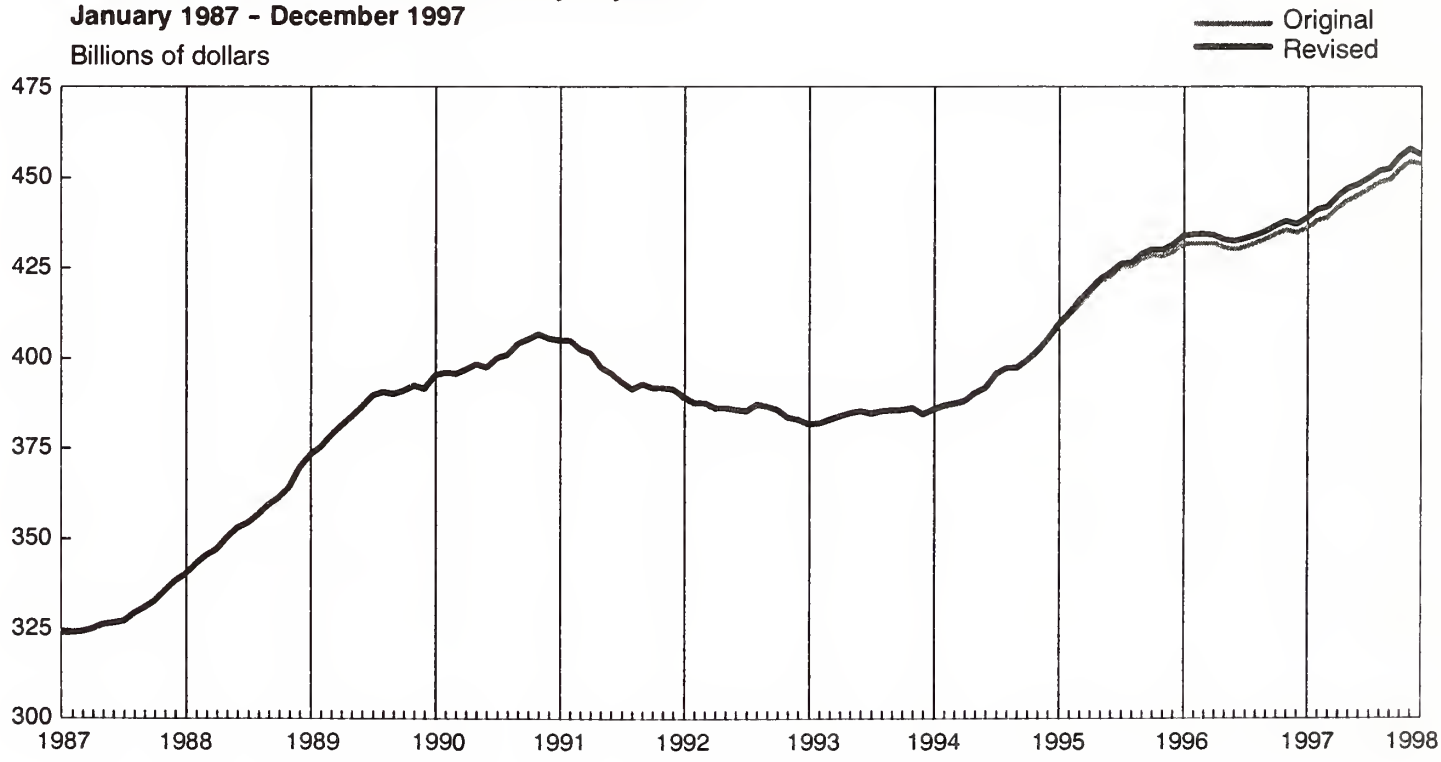


Figure F.
Manufacturers' Inventories, Seasonally Adjusted: January 1987 - December 1997



Source: U.S. Bureau of the Census, *Manufacturers' Shipments, Inventories, and Orders: 1987-1997*

Table A. Revisions to Manufacturers' Shipments, Inventories, and Orders: 1995 to 1997

[Billion dollars]

Industry		As revised	As published	Percent revision	Year-to-year percent change: As revised	Year-to-year percent change: As published
ANNUAL SHIPMENTS						
All manufacturing industries	1997	**3 929.4**	**3 948.7**	**–.5**	**+5.8**	**+5.7**
	1996	3 715.5	3 735.2	–.5	+3.4	+4.1
	1995	3 594.7	3 589.4	+.1	+7.4	+7.2
Durable goods industries	1997	2 158.7	2 162.1	–.2	+7.7	+7.8
	1996	2 004.2	2 006.0	–.1	+4.0	+4.4
	1995	1 927.0	1 921.2	+.3	+7.7	+7.4
Nondurable goods industries	1997	1 770.7	1 786.6	–.9	+3.5	+3.3
	1996	1 711.3	1 729.2	–1.0	+2.6	+3.7
	1995	1 667.6	1 668.2	–	+7.0	+7.0
ANNUAL NEW ORDERS						
All manufacturing industries	1997	**3 952.0**	**3 971.9**	**–.5**	**+5.4**	**+5.3**
	1996	3 749.3	3 770.4	–.6	+3.9	+4.6
	1995	3 607.6	3 604.2	+.1	+7.5	+7.4
Durable goods industries	1997	2 180.7	2 184.7	–.2	+7.1	+7.1
	1996	2 036.5	2 039.6	–.1	+4.9	+5.3
	1995	1 941.4	1 937.6	+.2	+8.2	+8.0
Nondurable goods industries	1997	1 771.3	1 787.1	–.9	+3.4	+3.3
	1996	1 712.8	1 730.8	–1.0	+2.8	+3.9
	1995	1 666.2	1 666.6	–	+6.7	+6.7
END-OF-YEAR UNFILLED ORDERS						
All manufacturing industries	1997	**531.6**	**535.3**	**–.7**	**+4.4**	**+4.5**
	1996	509.0	512.2	–.6	+7.1	+7.4
	1995	475.1	477.0	–.4	+2.8	+3.2
Durable goods industries	1997	506.3	510.2	–.8	+4.5	+4.6
	1996	484.3	487.6	–.7	+7.2	+7.4
	1995	451.9	454.0	–.5	+3.3	+3.8
Nondurable goods industries	1997	25.2	25.2	–	+2.4	+2.1
	1996	24.6	24.6	–	+6.3	+7.1
	1995	23.2	23.0	+.6	–5.8	–6.4
END-OF-YEAR INVENTORIES						
All manufacturing industries	1997	**446.1**	**443.0**	**+.7**	**+4.4**	**+4.4**
	1996	427.1	424.5	+.6	+1.4	+1.3
	1995	421.3	419.2	+.5	+6.4	+5.9
Durable goods industries	1997	278.8	275.8	+1.1	+4.6	+4.5
	1996	266.5	263.9	+1.0	+2.1	+2.0
	1995	261.1	258.7	+.9	+5.7	+4.7
Nondurable goods industries	1997	167.4	167.2	+.1	+4.2	+4.2
	1996	160.6	160.5	–	+.3	–
	1995	160.1	160.5	–.2	+7.5	+7.7

– Represents no change. Percent changes based on unrounded data.

Note: Detail may not add to total because of independent rounding.

Table B. Manufacturers' Shipments, Inventories, and Orders Monthly Percent Changes: 1997

[Based on seasonlly adjusted data]

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SHIPMENTS												
All Manufacturing												
As revised	1.7	.7	–.2	1.5	–1.0	1.2	1.6	–.9	1.6	–.3	–.3	1.5
As published	1.1	1.0	–	1.2	–1.0	1.5	1.4	–.8	1.6	–.4	–.3	1.1
Durable Goods Industries												
As revised	1.8	1.3	.6	1.7	–1.6	2.4	1.9	–1.6	2.4	–.9	–.2	1.8
As published	1.1	2.0	.8	1.3	–1.4	2.7	1.7	–1.5	2.4	–1.0	–.4	1.4
Primary Metals												
As revised	2.0	.8	–.5	2.0	–1.9	1.2	.7	–1.0	1.0	–.3	–.7	–.2
As published	2.5	1.1	–.4	1.4	–1.7	1.7	.9	–1.1	1.1	–.3	–1.2	–.5
Industrial Machinery and Equipment												
As revised	–.9	.5	.9	2.5	–.9	2.9	2.2	–2.9	3.3	–.4	–2.1	3.9
As published	–.9	.6	1.6	1.9	–.8	3.7	1.9	–2.6	3.2	–1.1	–2.2	4.5
Electronic and Other Electrical Machinery												
As revised	–1.2	3.9	4.9	–3.8	.4	3.0	–.8	2.2	3.6	–3.1	–	2.2
As published	–3.1	5.5	3.9	–3.4	.8	2.9	–.6	2.9	2.6	–2.5	–.3	1.5
Transportation Equipment												
As revised	5.1	–.6	–.6	4.0	–3.1	2.8	4.9	–3.8	.8	–.2	2.4	.6
As published	4.5	.3	–	3.3	–3.0	3.3	3.6	–2.7	1.2	–.2	1.6	–1.0
Capital Good Industries												
Nondefense												
As revised	–3.7	2.8	3.2	1.8	–.4	2.2	2.1	–2.2	3.7	–2.6	.1	3.0
As published	–2.8	2.2	3.4	1.6	–.1	2.6	2.7	–2.4	3.4	–2.7	–.4	3.0
Nondefense, excluding aircraft												
As revised	–2.8	2.5	1.7	.9	–	3.2	1.1	–1.5	3.5	–1.2	–1.2	2.8
As published	–2.9	2.6	2.1	.4	.3	3.8	1.1	–1.2	3.2	–1.3	–1.7	3.1
Defense												
As revised	–3.1	6.5	–4.9	4.8	–1.7	4.7	–4.4	–1.9	–1.8	5.5	8.7	–11.9
As published	–1.0	7.1	–4.1	2.4	–1.6	5.5	–4.7	–3.6	.8	5.3	6.5	–9.2
Nondurable Goods Industries												
As revised	1.6	–.1	–1.1	1.3	–.4	–.3	1.2	–.1	.5	.4	–.3	1.2
As published	1.0	–.1	–.9	1.2	–.5	–	1.0	–	.6	.4	–.2	.9
NEW ORDERS												
All Manufacturing												
As revised	2.9	.8	–1.6	1.2	–.7	1.5	.6	1.3	.3	.1	2.3	–2.1
As published	2.2	.8	–1.7	1.4	–.5	1.7	.5	1.2	.4	.1	2.4	–2.6
Durable Goods Industries												
As revised	4.3	1.6	–2.5	1.3	–.8	2.8	–.1	2.9	–	–.1	4.4	–4.6
As published	3.4	1.7	–2.8	1.8	–.4	2.9	.1	2.5	–	–.1	4.7	–5.3
Primary Metals												
As revised	3.4	.6	–	4.4	–2.7	–1.7	5.8	–3.8	6.5	–7.4	2.2	–3.4
As published	4.9	1.0	.4	2.4	–2.4	1.1	3.6	–2.1	5.0	–6.4	1.8	–3.5
Industrial Machinery and Equipment												
As revised	1.6	1.7	–1.8	4.0	–2.6	–.9	7.4	–2.8	3.1	–1.4	–1.7	1.3
As published	.9	2.8	–.9	3.0	–3.3	1.1	6.1	–1.1	1.9	–2.2	–1.6	1.8
Electronic and Other Electrical Machinery												
As revised	18.1	9.0	–5.4	–5.9	10.4	–	–16.6	34.9	–8.7	–4.5	–1.7	3.5
As published	16.9	8.9	–6.1	–3.2	10.6	–2.6	–12.2	29.4	–7.8	–4.2	–1.9	3.5

See footnotes at end of table.

Table B. **Manufacturers' Shipments, Inventories, and Orders Monthly Percent Changes: 1997—Con.**

[Based on seasonlly adjusted data]

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NEW ORDERS—Con.												
Durable Goods Industries—Con.												
Transportation Equipment												
As revised	1.6	−5.1	−2.7	−.1	−1.7	8.3	−.5	1.6	−2.0	7.0	20.6	−19.7
As published	.9	−5.8	−4.8	2.8	−.7	8.8	−2.7	3.1	−1.7	6.7	21.8	−22.2
Capital Good Industries												
Nondefense												
As revised	4.0	2.4	−3.7	−1.2	.8	5.6	.2	.4	2.9	2.3	16.5	−20.0
As published	4.5	2.6	−3.8	−1.7	1.1	6.8	.4	1.2	1.3	2.7	17.6	−21.8
Nondefense, excluding aircraft												
As revised	3.5	6.2	−1.9	−.8	−.7	1.9	5.9	−5.2	7.7	−1.9	−2.9	1.9
As published	3.0	7.5	−1.7	−1.5	−.6	3.1	6.6	−4.8	6.1	−2.2	−2.7	1.6
Defense												
As revised	−31.6	9.2	1.0	1.2	−14.8	13.6	−6.2	−3.8	−1.5	−10.3	25.7	9.8
As published	−29.5	−4.0	−14.7	27.5	−11.9	13.5	−4.7	−11.2	2.7	−13.3	28.5	14.1
Nondurable Goods Industries												
As revised	1.3	−.2	−.4	1.0	−.6	−.1	1.4	−.6	.7	.4	−.3	1.1
As published	.8	−.3	−.3	.8	−.6	.3	1.0	−.4	.8	.4	−.3	.8
UNFILLED ORDERS												
All Manufacturing												
As revised	.8	.9	–	−.2	–	.2	−.5	.9	.1	.4	2.1	−.3
As published	.8	.7	−.3	−.3	.1	.2	−.3	.9	.2	.5	2.2	−.2
Durable Goods Industries												
As revised	.9	1.0	−.1	−.3	–	.1	−.6	1.0	.1	.4	2.2	−.3
As published	.9	.8	−.5	−.3	.1	.2	−.4	1.0	.1	.5	2.4	−.2
Primary Metals												
As revised	.8	.7	.9	2.2	1.7	.3	2.7	1.2	3.9	.2	1.5	–
As published	.7	.7	1.1	1.6	1.1	.9	2.2	1.7	3.5	.3	1.7	.3
Industrial Machinery and Equipment												
As revised	.7	1.2	–	.7	−.2	−1.8	.4	.4	.4	−.1	.1	−1.1
As published	.4	1.4	.3	.7	−.4	−1.6	.2	.9	.3	−.2	–	−1.2
Electronic and Other Electrical Machinery												
As revised	2.4	5.3	−.6	−1.7	3.4	1.7	−7.0	8.4	.6	−.2	−1.1	−.4
As published	2.5	4.5	−1.3	−1.1	4.1	.9	−5.5	7.6	.8	−.2	−1.1	–
Transportation Equipment												
As revised	.7	–	−.4	−1.0	−.8	.1	−.8	.1	−.4	.8	4.2	−.2
As published	.9	−.2	−.9	−1.0	−.6	.2	−.9	.1	−.4	.8	4.4	−.3
Capital Good Industries												
Nondefense												
As revised	1.1	1.1	−.2	−.7	−.5	.1	−.2	.3	.1	1.1	4.3	−.8
As published	1.0	1.1	−.2	−.7	−.5	.2	−.3	.4	.1	1.1	4.6	−.9
Nondefense, excluding aircraft												
As revised	.8	2.3	.8	.2	−.1	−.7	1.3	−.3	1.4	1.0	.4	–
As published	.5	2.5	.9	.2	−.2	−.5	1.7	.1	1.3	.9	.5	−.1
Defense												
As revised	−.5	−.4	–	−.2	−1.0	−.6	−.7	−.8	−.7	−1.6	−1.0	.4
As published	−.1	−.7	−1.2	−.1	−.7	−.4	−.3	−.8	−.7	−1.7	−.8	.6
Nondurable Goods Industries												
As revised	−.9	−1.6	2.3	.6	−.5	.8	1.9	−.9	.3	.3	.3	−.3
As published	−1.0	−1.7	2.0	–	−.3	1.3	1.5	−.8	.7	.5	−.1	−.2

See footnotes at end of table.

Table B. **Manufacturers' Shipments, Inventories, and Orders Monthly Percent Changes: 1997–** Con.

[Based on seasonlly adjusted data]

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL INVENTORIES												
All Manufacturing												
As revised	.4	.5	.2	.7	.5	.2	.4	.5	.1	.7	.5	–.4
As published	.3	.5	.2	.7	.4	.3	.4	.4	.2	.7	.5	–.1
Durable Goods Industries												
As revised	.6	.6	.1	.9	.5	.3	.6	.4	–.1	.7	.5	–.5
As published	.5	.6	.2	.9	.4	.4	.6	.4	–	.6	.4	–.3
Primary Metals												
As revised	–.8	.6	1.0	–.8	–	.4	.2	.5	–.6	.2	.1	.8
As published	–.9	.4	.8	–.7	.1	.2	.2	.4	–.3	.3	.3	.6
Industrial Machinery and Equipment												
As revised	.8	.1	–	1.3	.3	–.1	.6	.1	–.3	.7	–	.4
As published	.3	.5	–	1.3	.4	.2	.7	.1	–.3	.7	.2	.1
Electronic and Other Electrical Machinery												
As revised	–.8	.1	–.3	1.2	.5	–.2	1.5	–.1	–.3	.3	.6	.5
As published	–.7	.2	–.4	1.2	.4	.1	1.5	–.3	–.5	.2	.6	.5
Transportation Equipment												
As revised	1.9	1.5	–	1.4	.8	.5	.8	.7	–.2	1.8	.6	–2.6
As published	1.8	1.4	.3	1.3	.6	.4	.8	.9	.1	1.4	.2	–1.4
Capital Good Industries												
Nondefense												
As revised	1.3	1.2	.3	1.3	.6	.8	1.0	.8	–1.1	1.8	.8	–2.2
As published	.7	1.3	.3	1.2	.6	1.0	1.1	.7	–.8	1.7	.6	–1.6
Nondefense, excluding aircraft												
As revised	.8	.2	–.1	1.1	.5	–.1	1.1	.1	–.4	.5	.2	.3
As published	.3	.3	–.1	1.1	.5	.3	1.1	.1	–.5	.5	.3	.3
Defense												
As revised	2.0	–2.0	–1.2	.5	–.7	–1.3	.8	–	1.8	–1.5	–	5.2
As published	2.7	–2.1	–1.6	.4	–1.1	–1.3	.7	.4	1.2	–1.4	.1	6.2
Nondurable Goods Industries												
As revised	.1	.4	.3	.3	.6	.1	–	.5	.5	.8	.5	–
As published	–	.4	.1	.4	.5	.2	.1	.5	.5	.8	.5	.1

– Represents no change.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
ALL MANUFACTURING INDUSTRIES, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	179 524	203 084	212 826	202 686	203 273	218 561	191 114	202 042	223 390	217 836	211 517	210 053	595 434	624 520	616 546	639 406	2 475 906
1988	194 732	215 032	230 040	220 466	223 164	240 635	205 606	224 545	242 978	236 027	229 933	232 276	639 804	684 265	673 127	698 236	2 695 432
1989	217 753	235 717	246 123	239 054	239 802	252 137	211 290	237 414	251 115	242 467	235 747	231 756	699 593	730 993	699 819	709 970	2 840 375
1990	211 542	237 440	253 322	238 110	244 756	259 403	220 760	248 553	281 167	259 404	244 044	233 727	702 304	742 269	730 480	737 175	2 912 228
1991	214 537	231 949	238 578	236 403	242 327	254 574	221 051	243 252	259 516	256 543	247 267	232 170	685 064	733 304	723 819	735 980	2 878 167
1992	216 513	239 992	257 520	247 945	249 779	271 589	232 081	248 241	269 193	262 074	254 433	255 367	714 025	769 313	749 515	771 874	3 004 727
1993	230 027	256 384	274 152	257 098	259 003	281 144	232 115	257 787	279 154	271 879	266 557	262 525	760 563	797 245	769 056	800 761	3 127 625
1994	240 350	266 690	287 103	269 802	276 651	298 527	248 157	287 161	301 847	291 735	291 060	288 936	794 143	844 980	637 165	871 731	3 348 019
1995	268 243	295 196	313 244	292 149	299 386	321 118	264 268	304 662	322 672	310 909	303 583	299 233	878 683	912 653	891 602	913 725	3 594 663
1996	271 260	300 080	315 500	305 310	314 171	330 105	279 199	314 384	334 219	323 005	317 989	310 238	886 840	949 586	927 802	951 232	3 715 460
1997	287 787	318 634	335 871	323 369	323 477	349 240	298 607	329 999	356 369	342 277	331 406	332 383	942 292	996 086	984 975	1 006 066	3 929 419
Seasonally Adjusted—Millions of Dollars																	
1987	196 728	202 589	203 252	202 503	202 447	205 264	208 770	204 564	210 259	211 231	212 649	213 723	602 569	610 214	623 593	637 603	(X)
1988	213 752	215 552	219 947	220 355	221 993	225 877	225 694	226 318	228 547	228 208	230 568	237 181	649 251	668 225	680 557	695 955	(X)
1989	239 207	237 347	235 838	239 325	238 105	236 664	231 685	237 850	236 182	233 473	235 570	236 573	712 392	714 094	705 717	705 616	(X)
1990	233 888	240 818	243 104	239 115	242 968	243 326	242 442	248 046	245 777	248 890	242 836	237 783	717 810	725 409	736 265	729 509	(X)
1991	238 147	235 920	229 285	238 015	240 799	237 989	242 312	242 863	243 974	248 510	245 591	237 368	703 352	716 803	729 149	729 469	(X)
1992	241 580	243 822	246 255	249 763	248 096	252 673	254 663	248 064	252 528	252 866	253 216	259 896	731 657	750 532	755 255	765 978	(X)
1993	256 410	259 524	261 848	258 903	257 146	261 584	256 078	257 168	261 631	262 821	265 753	266 934	777 782	777 633	774 877	795 508	(X)
1994	267 085	269 082	273 692	271 777	274 506	277 973	278 449	285 609	263 230	283 194	290 327	294 411	809 859	824 256	845 288	867 932	(X)
1995	296 963	297 287	298 648	294 788	297 738	299 770	294 172	302 528	302 571	301 954	303 049	303 823	892 898	892 296	899 271	908 826	(X)
1996	300 389	302 541	301 083	307 672	312 489	308 248	310 578	312 153	313 159	313 737	317 744	313 779	904 013	928 409	935 888	945 260	(X)
1997	319 150	321 274	320 700	325 639	322 260	326 118	331 331	328 250	333 422	332 321	331 404	336 424	961 124	974 017	993 003	1 000 149	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.9	3.0	.3	–.4	–	1.4	1.7	–2.0	2.8	.5	.7	.5	2.5	1.3	2.2	2.2	(X)
1988	–	.8	2.0	.2	.7	1.7	–.1	.3	1.0	–.1	1.0	2.9	1.8	2.9	1.8	2.3	(X)
1989	.9	–.8	–.6	1.5	–.5	–.6	–2.1	2.7	–.7	–1.1	.9	.4	2.4	.2	–1.2	–	(X)
1990	–1.1	3.0	.9	–1.6	1.6	.1	–.4	2.3	–.9	1.3	–2.4	–2.1	1.7	1.1	1.5	–.9	(X)
1991	.2	–.9	–2.8	3.8	1.2	–1.2	1.8	.2	.5	1.0	–.4	–3.3	–3.6	1.9	1.7	–	(X)
1992	1.8	.9	1.0	1.4	–.7	1.8	.8	–2.6	1.8	.1	.1	2.6	.3	2.6	.6	1.4	(X)
1993	–1.3	1.2	.9	–1.1	–.7	1.7	–2.1	.4	1.7	.5	1.1	.4	1.5	–	–.4	2.7	(X)
1994	.1	.7	1.7	–.7	1.0	1.3	–.5	3.3	–.8	–	2.5	1.4	1.8	1.8	2.6	2.7	(X)
1995	.9	.1	.5	–1.3	1.0	.7	–1.9	2.8	–	–.2	.4	.3	2.9	–.1	.8	1.1	(X)
1996	–1.1	.7	–.5	2.2	1.6	–1.4	.8	.5	.3	.2	1.3	–1.2	–.5	2.7	.8	1.0	(X)
1997	1.7	.7	–.2	1.5	–1.0	1.2	1.6	–.9	1.8	–.3	–.3	1.5	1.7	1.3	1.9	.7	(X)
ALL MANUFACTURING INDUSTRIES WITH UNFILLED ORDERS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	96 703	110 309	117 870	109 849	109 804	120 354	103 511	110 215	123 753	119 845	117 414	120 044	324 882	340 007	337 479	357 303	1 359 671
1988	106 242	119 086	128 940	120 893	122 400	133 735	111 873	123 761	136 882	130 567	128 085	131 938	354 268	377 028	372 516	390 590	1 494 402
1989	117 329	128 628	135 926	128 608	128 912	138 488	113 690	129 019	139 323	132 253	129 311	130 688	381 881	396 008	382 032	392 252	1 552 173
1990	114 547	129 793	139 841	128 708	132 177	142 470	118 611	132 439	140 580	138 699	130 501	130 749	384 181	403 355	391 630	397 949	1 577 115
1991	113 822	125 361	131 002	126 317	127 923	138 293	118 819	130 336	141 275	137 836	133 980	129 615	370 185	392 533	388 430	401 231	1 552 379
1992	115 733	129 778	141 320	132 560	132 349	147 859	123 467	133 111	146 623	141 632	138 489	143 631	386 831	412 768	403 201	423 752	1 626 552
1993	121 202	136 908	149 295	136 532	137 610	152 842	123 060	138 951	153 714	147 081	146 186	148 734	407 405	426 984	415 725	442 001	1 692 115
1994	128 853	144 058	157 768	144 671	148 664	164 414	134 115	155 038	168 584	158 641	160 279	162 595	430 675	457 749	455 737	481 515	1 825 676
1995	145 817	181 385	175 090	159 288	164 119	180 957	144 683	168 182	182 217	171 975	171 094	173 704	482 092	504 364	495 082	516 773	1 998 311
1996	148 933	166 953	179 118	166 281	171 941	187 238	151 857	172 912	188 332	178 177	177 421	179 978	495 004	525 458	513 101	533 576	2 067 139
1997	155 668	177 743	192 082	178 808	178 879	201 257	165 486	163 665	205 688	191 691	188 589	195 930	525 493	558 944	554 839	576 210	2 215 486
Seasonally Adjusted—Millions of Dollars																	
1987	107 806	110 406	111 513	110 876	110 605	112 508	114 822	112 269	115 948	116 351	117 235	118 431	329 725	333 989	343 037	352 017	(X)
1988	118 575	119 626	122 044	122 129	123 269	124 828	124 742	125 552	127 876	126 630	127 712	130 301	360 245	370 226	378 170	384 643	(X)
1989	130 817	129 870	128 726	130 148	129 760	129 056	126 851	130 173	129 903	127 925	128 617	128 631	389 413	388 964	386 927	385 173	(X)
1990	128 488	131 817	132 538	130 533	133 209	132 542	132 497	133 402	130 855	132 293	129 513	127 924	392 841	396 284	396 754	389 730	(X)
1991	128 240	127 687	124 094	128 470	129 319	128 201	130 403	131 395	131 548	133 444	132 726	127 393	380 021	385 990	393 346	393 563	(X)
1992	130 944	132 259	133 427	135 127	133 889	136 632	137 869	134 229	136 285	137 588	137 208	140 434	396 630	405 648	408 383	415 228	(X)
1993	137 063	139 182	140 797	139 354	139 107	141 144	137 883	140 009	142 645	143 230	144 747	145 677	417 042	419 605	420 537	433 654	(X)
1994	145 336	146 185	148 623	147 951	150 008	151 559	151 228	155 675	154 499	155 047	158 873	160 005	440 144	449 518	461 402	473 925	(X)
1995	163 793	163 422	164 930	163 274	165 803	166 924	163 220	168 651	168 531	168 474	169 903	170 503	492 145	496 001	500 402	508 880	(X)
1996	167 788	169 148	168 438	170 307	173 753	172 153	171 855	173 530	173 795	173 048	178 722	175 350	505 372	516 213	518 980	525 118	(X)
1997	176 134	179 669	180 554	182 978	181 104	184 651	186 540	184 704	189 489	188 274	188 304	191 205	536 357	548 733	560 733	567 783	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–1.5	2.4	1.0	–.6	–.2	1.7	2.1	–2.2	3.3	.3	.8	1.0	1.1	1.3	2.7	2.6	(X)
1988	.1	.9	2.0	.1	.9	1.3	–.1	.6	1.9	–1.0	.9	2.0	2.3	2.8	2.1	1.7	(X)
1989	.4	–.7	–.9	1.1	–.3	–.5	–1.7	2.6	–.2	–1.5	.5	–	1.2	–.1	–.5	–.5	(X)
1990	–.1	2.8	.5	–1.5	2.1	–.5	–	.7	–1.9	1.1	–2.1	–1.2	2.0	.9	.1	–1.6	(X)
1991	.2	–.4	–2.8	3.5	.7	–.9	1.7	.8	.1	1.4	–.5	–4.0	–2.5	1.6	1.9	.1	(X)
1992	2.8	1.0	.9	1.3	–.9	2.0	.9	–2.8	1.5	1.0	–.3	2.4	.8	2.3	.7	1.7	(X)
1993	–2.4	1.5	1.2	–1.0	–.2	1.5	–2.3	1.5	1.9	.4	1.1	.6	.4	.6	.2	3.1	(X)
1994	–.2	.6	1.7	–.5	1.4	1.0	–.2	2.9	–.8	.4	2.5	.7	1.5	2.1	2.6	2.7	(X)
1995	2.4	–.2	.9	–1.0	1.5	.7	–2.2	3.3	–.1	–	.8	.4	3.8	.8	.9	1.7	(X)
1996	–1.8	.8	–.4	1.1	2.0	–.9	–.3	1.1	.2	–.4	2.1	–.8	–.7	2.1	.5	1.2	(X)
1997	.4	2.0	.5	1.3	–1.0	2.0	1.0	–1.0	2.6	–.6	–	1.5	2.1	2.3	2.2	1.3	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
DURABLE GOODS INDUSTRIES, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	92 569	107 743	114 706	107 141	106 740	115 887	96 066	102 407	117 015	114 714	110 816	111 728	315 018	329 768	315 488	337 258	1 297 532
1988	99 742	113 560	123 903	116 935	118 885	129 277	103 858	115 297	128 970	125 385	121 184	124 507	337 205	365 097	348 123	371 076	1 421 501
1989	112 675	123 965	131 018	125 185	125 261	132 710	103 661	122 174	131 703	125 406	122 094	122 048	367 658	383 156	357 538	369 548	1 477 900
1990	103 766	123 247	134 060	122 834	128 450	138 004	109 441	124 725	131 954	130 509	119 952	118 371	361 073	389 288	366 120	368 632	1 485 313
1991	103 582	115 811	120 547	119 941	123 117	131 673	107 486	121 628	132 963	131 179	125 794	118 257	339 940	374 731	362 097	375 230	1 451 998
1992	107 555	123 920	135 549	127 746	128 737	141 924	112 669	125 704	137 724	134 926	130 764	134 648	367 024	398 407	376 097	400 338	1 541 866
1993	115 275	133 812	145 627	133 711	135 234	148 989	112 588	131 619	146 531	142 749	141 328	143 172	394 714	417 934	390 738	427 249	1 630 635
1994	126 217	143 679	156 690	144 624	148 665	162 917	124 811	151 318	161 907	155 421	156 258	157 071	426 586	456 206	438 036	468 748	1 789 576
1995	141 891	159 741	172 563	155 826	160 292	174 800	131 592	160 505	175 088	166 873	163 468	164 370	474 215	490 918	467 185	494 711	1 927 029
1996	142 787	163 354	173 307	163 709	170 574	183 002	141 349	167 129	183 757	173 001	171 489	170 721	479 428	517 285	492 235	515 211	2 004 159
1997	151 887	175 038	188 904	177 387	176 488	197 434	156 192	178 322	200 122	187 885	181 893	187 147	515 829	551 309	534 636	556 925	2 158 699
Seasonally Adjusted—Millions of Dollars																	
1987	103 344	106 818	107 335	106 044	105 421	106 970	108 879	106 111	110 284	110 809	111 811	112 536	317 497	318 435	325 274	334 956	(X)
1988	111 832	113 327	116 011	115 971	117 270	119 176	118 826	118 655	121 142	120 850	121 740	125 658	341 170	352 417	358 623	368 248	(X)
1989	128 305	124 341	122 721	124 492	123 317	121 989	118 847	124 554	123 548	120 542	122 510	122 777	373 367	369 798	366 949	365 829	(X)
1990	117 712	124 661	125 575	122 623	126 410	126 619	126 021	128 660	123 552	125 226	120 154	117 838	367 948	375 652	376 233	363 218	(X)
1991	118 177	117 439	112 823	120 173	121 560	120 244	124 050	123 681	124 590	126 081	125 687	118 705	348 439	361 977	372 321	370 453	(X)
1992	123 119	125 239	126 561	128 082	127 093	129 239	130 418	127 921	128 656	130 344	130 654	134 375	374 919	384 414	386 993	395 373	(X)
1993	131 410	134 290	135 850	133 994	133 513	135 838	131 528	133 789	136 724	138 423	141 000	142 903	401 550	403 345	402 041	422 326	(X)
1994	142 870	143 483	145 997	145 206	148 722	148 664	147 674	153 108	151 054	151 276	155 825	157 395	432 350	440 592	451 836	464 496	(X)
1995	159 920	159 099	160 614	157 020	158 975	159 772	155 735	162 070	162 669	162 533	163 364	164 018	479 633	475 767	480 474	489 915	(X)
1996	181 328	163 002	160 941	164 906	169 351	167 004	167 129	168 808	170 292	168 855	171 970	169 204	485 269	501 261	506 229	510 029	(X)
1997	172 304	174 534	175 504	178 523	175 749	180 038	183 484	160 554	184 966	183 225	182 791	186 007	522 342	534 310	549 004	552 023	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−2.2	3.4	.5	−1.2	−.6	1.5	1.8	−2.5	3.9	.5	.7	.8	1.8	.3	2.1	3.0	(X)
1988	−.8	1.3	2.4	–	1.1	1.6	−.3	−.1	2.1	−.2	.7	3.2	1.9	3.3	1.8	2.7	(X)
1989	.5	−1.6	−1.3	1.4	−.9	−1.1	−2.6	4.8	−.8	−2.4	1.8	.2	1.4	−1.0	−.8	−.3	(X)
1990	−4.1	5.9	.7	−2.4	3.1	.2	−.5	.5	−2.5	1.4	−4.1	−1.9	.6	2.1	.2	−3.5	(X)
1991	.3	−.8	−3.9	8.5	1.2	−1.1	3.2	−.3	.7	1.2	−.3	−5.5	−4.1	3.9	2.9	−.5	(X)
1992	3.7	1.7	1.1	1.2	−.8	1.7	.9	−1.9	.6	1.3	.2	2.8	1.2	2.5	.7	2.2	(X)
1993	−2.2	2.2	1.2	−1.4	−.4	1.7	−3.2	1.7	2.2	1.2	1.9	1.3	1.6	.4	−.3	5.0	(X)
1994	–	.4	1.8	−.5	1.0	1.3	−.7	3.7	−1.3	.1	3.0	1.0	2.4	1.9	2.8	2.8	(X)
1995	1.6	−.5	1.0	−2.2	1.2	.5	−2.5	4.1	.4	−.1	.5	.4	3.3	−.8	1.0	2.0	(X)
1996	−1.8	1.0	−1.3	2.5	2.7	−1.4	.1	1.0	.9	−.8	1.8	−1.8	−.9	3.3	1.0	.8	(X)
1997	1.8	1.3	.6	1.7	−1.6	2.4	1.9	−1.8	2.4	−.9	−.2	1.8	2.4	2.3	2.8	.5	(X)
DURABLE GOODS WITH UNFILLED ORDERS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	74 149	85 743	92 747	85 539	85 451	94 294	79 448	84 351	96 696	92 503	90 985	94 241	252 639	265 284	260 495	277 729	1 058 147
1988	81 245	92 686	101 674	93 935	95 818	105 781	86 372	95 545	107 583	101 879	99 833	103 744	275 605	295 534	289 500	305 058	1 165 695
1989	90 420	99 775	107 073	99 914	100 532	108 867	86 895	99 502	108 820	101 845	99 583	103 215	297 268	309 313	295 217	304 823	1 206 421
1990	87 094	100 614	109 806	99 349	103 254	112 458	91 169	102 102	109 508	105 800	100 454	102 632	297 514	315 059	302 779	308 886	1 224 238
1991	86 736	96 690	102 048	97 993	99 843	108 971	89 375	100 280	110 234	106 247	103 663	100 915	285 474	306 807	299 889	310 825	1 202 995
1992	88 502	100 747	111 225	102 757	103 249	116 818	94 200	102 502	114 364	109 060	107 111	113 201	300 474	322 824	311 066	329 372	1 263 736
1993	92 558	106 318	118 015	105 945	107 404	121 478	93 605	107 493	120 623	114 095	114 267	118 601	318 889	334 827	321 721	348 963	1 320 400
1994	100 462	113 390	128 156	114 179	117 123	131 353	103 399	120 653	131 339	123 839	125 455	129 299	340 008	362 855	355 391	378 593	1 438 847
1995	113 381	128 595	139 232	124 319	128 638	143 273	110 333	130 295	143 608	134 305	134 040	138 585	379 208	396 230	384 236	406 930	1 568 604
1996	118 334	132 068	143 520	131 318	137 200	150 605	117 908	135 971	150 645	139 713	140 903	145 002	391 922	419 123	404 524	425 818	1 641 187
1997	123 013	142 438	158 378	143 734	143 998	184 027	130 299	145 700	168 143	152 474	150 242	158 298	421 829	451 759	442 142	461 014	1 778 744
Seasonally Adjusted—Millions of Dollars																	
1987	63 817	85 770	88 838	88 274	85 719	87 168	88 958	88 897	90 310	90 275	91 143	92 190	258 425	259 181	266 185	273 608	(X)
1988	92 018	93 137	95 193	94 899	96 069	97 625	97 349	97 956	100 125	99 117	99 728	101 420	280 346	288 593	295 430	300 285	(X)
1989	102 211	100 864	100 267	101 188	100 742	100 150	98 115	101 377	101 058	99 063	99 520	100 347	303 342	302 080	300 550	298 930	(X)
1990	99 188	102 427	102 881	100 918	103 574	103 142	103 202	103 855	101 495	103 047	100 247	98 902	304 474	307 632	308 552	302 196	(X)
1991	99 227	98 729	95 445	99 877	100 535	99 462	101 330	102 120	102 243	103 769	103 265	97 781	293 401	299 874	305 693	304 815	(X)
1992	101 818	102 890	103 666	104 948	104 036	106 174	107 014	104 463	105 841	106 804	106 712	109 149	308 174	315 156	317 318	322 665	(X)
1993	106 065	108 141	109 825	108 267	108 183	110 411	106 911	109 479	111 473	111 988	113 728	114 778	324 031	328 861	327 863	340 492	(X)
1994	114 521	115 038	117 302	118 851	117 765	119 258	118 908	122 422	121 364	121 883	124 999	125 933	346 861	353 874	362 694	372 815	(X)
1995	128 804	128 089	129 345	127 558	129 577	130 219	127 188	132 055	132 242	132 440	133 878	134 701	386 238	387 354	391 483	401 019	(X)
1996	132 374	133 681	133 007	134 584	138 133	136 497	136 004	137 985	138 465	138 147	141 251	139 807	399 062	409 214	412 454	419 205	(X)
1997	140 573	143 896	144 958	147 094	145 245	148 460	149 640	148 226	152 433	150 723	150 981	153 061	429 225	440 799	450 299	454 765	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−1.9	2.3	1.2	−.8	−.6	1.7	2.1	−2.3	3.9	–	1.0	1.1	.8	1.1	2.7	2.8	(X)
1988	−.2	1.2	2.2	−.3	1.2	1.6	−.3	.6	2.2	−1.0	.6	1.7	2.5	2.9	2.4	1.6	(X)
1989	.8	−1.3	−.6	.9	−.4	−.6	−2.0	3.3	−.3	−2.0	.5	.8	1.0	−.4	−.5	−.5	(X)
1990	−1.2	3.3	.4	−1.9	2.6	−.4	.1	.6	−2.3	1.5	−2.7	−1.3	1.9	1.0	.3	−2.1	(X)
1991	.3	−.5	−3.3	4.8	.7	−1.1	1.9	.8	.1	1.5	−.5	−5.3	−2.9	2.2	1.9	−.3	(X)
1992	3.9	1.3	.8	1.2	−.9	2.1	.8	−2.4	1.3	.9	−.1	2.3	1.1	2.3	.7	1.7	(X)
1993	−2.8	2.0	1.6	−1.4	−.1	2.1	−3.2	2.4	1.8	.5	1.8	.9	.4	.9	.3	3.9	(X)
1994	−.2	.5	2.0	−.4	.8	1.3	−.3	3.0	−.9	.4	2.8	.7	1.9	2.0	2.5	2.8	(X)
1995	2.3	−.6	1.0	−1.4	1.6	.5	−2.3	3.8	.1	.1	1.1	.6	3.6	.3	1.1	2.4	(X)
1996	−1.7	1.0	−.5	1.2	2.8	−1.2	−.4	1.5	.3	−.2	2.2	−1.0	−.5	2.5	.8	1.6	(X)
1997	.5	2.2	.9	1.5	−1.3	2.2	.8	−.9	2.8	−1.1	.2	1.4	2.4	2.7	2.2	1.0	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
STONE, CLAY, AND GLASS PRODUCTS, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	4 385	4 884	5 230	5 310	5 205	5 348	4 917	5 046	5 513	5 962	5 143	4 534	14 499	15 863	15 476	15 639	61 477
1988	4 408	4 846	5 253	5 389	5 420	5 668	4 970	5 565	5 781	5 679	5 428	4 738	14 507	18 477	16 316	15 845	63 145
1989	4 763	4 981	5 148	5 625	5 450	5 817	4 958	5 597	5 653	5 802	5 317	4 618	14 892	16 892	16 208	15 737	63 729
1990	4 690	5 104	5 404	5 474	5 532	5 840	5 133	5 674	5 663	5 691	5 187	4 336	15 198	18 846	16 470	15 214	63 728
1991	4 261	4 537	4 680	5 063	5 123	5 548	5 102	5 495	5 574	5 469	4 988	4 119	13 478	15 732	16 171	14 576	59 957
1992	4 215	4 535	4 967	5 216	5 244	5 773	5 285	5 708	5 946	5 954	5 233	4 445	13 717	16 233	18 939	15 632	62 521
1993	4 260	4 918	5 103	5 550	5 452	5 989	5 228	5 818	6 424	6 144	5 756	4 968	14 281	16 991	17 470	16 868	65 610
1994	4 761	5 210	5 908	6 109	5 957	6 505	5 755	6 490	6 562	6 384	6 128	5 461	15 879	18 571	18 807	17 973	71 230
1995	5 378	5 856	6 119	6 031	6 334	6 847	6 190	6 968	6 978	6 989	6 539	5 703	17 353	19 212	20 136	19 231	75 932
1996	5 769	5 976	6 454	6 910	7 187	7 554	6 964	7 463	7 469	7 801	6 991	5 904	18 199	21 651	21 896	20 696	82 442
1997	6 200	6 882	7 174	7 710	7 718	8 090	7 762	8 044	8 261	8 305	7 381	6 694	20 256	23 518	24 067	22 380	90 221
Seasonally Adjusted—Millions of Dollars																	
1987	5 087	5 222	5 164	5 103	5 039	4 895	5 098	4 787	5 089	5 588	5 175	5 232	15 473	15 037	14 974	15 995	(X)
1988	5 102	5 195	5 216	5 196	5 254	5 189	5 163	5 259	5 329	5 275	5 431	5 480	15 513	15 639	15 751	16 186	(X)
1989	5 511	5 353	5 177	5 455	5 302	5 322	5 139	5 259	5 194	5 336	5 300	5 363	16 041	16 079	15 592	15 999	(X)
1990	5 441	5 498	5 495	5 327	5 399	5 338	5 295	5 304	5 184	5 189	5 159	5 055	16 434	16 064	15 783	15 403	(X)
1991	4 974	4 902	4 811	4 932	5 018	5 063	5 238	5 117	5 080	4 968	4 966	4 815	14 687	15 013	15 435	14 749	(X)
1992	4 948	4 905	5 097	5 078	5 164	5 287	5 409	5 298	5 403	5 420	5 214	5 194	14 950	15 509	16 110	15 828	(X)
1993	5 013	5 321	5 229	5 399	5 381	5 465	5 330	5 389	5 847	5 641	5 748	5 776	15 563	16 245	16 566	17 165	(X)
1994	5 603	5 633	6 024	5 930	5 871	5 946	5 845	6 015	5 996	5 904	6 139	6 311	17 260	17 747	17 856	18 354	(X)
1995	6 308	6 321	6 263	5 847	6 200	6 277	6 245	6 473	8 421	6 471	6 599	6 558	18 892	18 324	19 139	19 628	(X)
1996	8 735	6 440	6 625	6 697	6 983	6 954	6 966	6 968	6 912	7 205	7 112	6 770	19 800	20 634	20 846	21 087	(X)
1997	7 193	7 402	7 365	7 476	7 478	7 483	7 683	7 555	7 687	7 670	7 574	7 651	21 960	22 435	22 925	22 895	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	3.7	2.7	−1.1	−1.2	−1.3	−2.9	4.1	−6.1	8.3	9.8	−7.4	1.1	4.8	−2.8	−.4	6.8	(X)
1988	−2.5	1.8	.4	−.4	1.1	−1.2	−.5	1.9	1.3	−1.0	3.0	.9	−3.0	.8	.7	2.8	(X)
1989	.6	−2.9	−3.3	5.4	−2.8	.4	−3.4	2.3	−1.2	2.7	−.7	1.2	−.9	.2	−3.0	2.6	(X)
1990	1.5	1.0	−.1	−3.1	1.4	−1.1	−.8	.2	−2.3	.1	−.6	−2.0	2.7	−2.3	−1.7	−2.4	(X)
1991	−1.6	−1.4	−1.9	2.5	1.7	.9	3.5	−2.3	−.7	−2.2	–	−3.0	−4.6	2.2	2.8	−4.4	(X)
1992	2.8	−.9	3.9	−.4	1.7	2.0	2.7	−2.1	2.0	.3	−3.8	−.4	1.4	3.7	3.9	−1.8	(X)
1993	−3.5	6.1	−1.7	3.3	−.3	1.6	−2.5	1.1	8.5	−3.5	1.9	.5	−1.7	4.4	2.0	3.6	(X)
1994	−3.0	.5	6.9	−1.6	−1.0	1.3	−1.7	2.9	−.3	−1.5	4.0	2.8	.6	2.8	.6	2.8	(X)
1995	–	.2	−.9	−6.6	6.0	1.2	−.5	3.7	−.8	.8	2.0	−.6	2.9	−3.0	4.4	2.6	(X)
1996	2.7	−4.4	2.9	1.1	4.3	−.4	.2	–	−.8	4.2	−1.3	−4.8	.9	4.2	1.0	1.2	(X)
1997	8.2	2.9	−.5	1.5	–	.1	2.7	−1.7	1.7	−.2	−1.3	1.0	4.1	2.2	2.2	−.1	(X)
PRIMARY METAL INDUSTRIES, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	8 147	9 311	9 614	9 650	9 735	10 366	9 392	9 999	10 838	11 016	11 091	11 091	27 072	29 751	30 227	33 198	120 248
1988	10 712	11 630	12 626	12 333	12 611	13 573	11 349	12 872	13 349	13 411	13 092	12 479	34 968	38 517	37 370	38 982	149 837
1989	13 005	13 763	14 003	13 798	13 485	13 856	11 833	12 932	13 096	12 983	12 091	10 873	40 771	41 139	37 861	35 947	155 718
1990	11 624	12 304	12 943	12 598	12 633	13 059	11 754	12 756	12 823	13 272	12 007	11 014	36 871	38 290	37 333	36 293	148 787
1991	11 289	11 357	11 246	11 683	11 541	11 881	10 537	11 624	12 042	12 130	11 235	10 013	33 892	34 905	34 203	33 378	136 378
1992	10 814	11 598	11 777	11 865	11 914	12 308	10 828	11 629	11 882	11 904	11 329	10 439	34 189	36 087	34 339	33 672	138 287
1993	11 070	12 003	12 412	12 038	11 812	12 759	10 584	11 838	12 452	12 261	12 056	11 400	35 485	36 609	34 874	35 717	142 685
1994	11 609	12 802	13 282	13 040	13 454	14 021	12 007	13 902	14 239	14 395	14 246	14 191	37 693	40 515	40 148	42 832	161 188
1995	14 654	15 589	16 209	15 366	15 580	15 848	13 224	15 021	15 312	15 265	14 577	13 669	46 452	46 794	43 557	43 511	180 314
1996	13 886	14 921	15 258	15 291	15 548	15 308	13 558	14 915	15 256	15 382	14 948	14 028	44 065	46 145	43 729	44 358	178 297
1997	14 808	16 105	16 217	16 430	16 066	16 656	14 462	15 695	16 379	18 264	15 420	14 414	47 130	49 152	46 536	46 098	188 916
Seasonally Adjusted—Millions of Dollars																	
1987	8 557	9 057	9 122	9 300	9 487	9 767	10 238	10 077	10 609	10 732	11 387	12 077	26 736	28 534	30 924	34 196	(X)
1988	11 274	11 395	12 011	11 931	12 296	12 830	12 378	12 698	12 977	12 980	13 360	13 614	34 680	37 057	38 053	39 954	(X)
1989	13 713	13 604	13 373	13 417	13 184	13 154	12 860	12 832	12 653	12 494	12 316	11 942	40 690	39 755	38 345	36 752	(X)
1990	12 262	12 235	12 395	12 280	12 364	12 402	12 748	12 599	12 359	12 728	12 217	12 159	38 892	37 046	37 704	37 104	(X)
1991	11 906	11 301	10 787	11 400	11 288	11 080	11 419	11 487	11 814	11 653	11 441	11 070	33 994	33 766	34 520	34 164	(X)
1992	11 411	11 486	11 286	11 582	11 652	11 657	11 717	11 530	11 486	11 506	11 531	11 486	34 183	34 891	34 733	34 523	(X)
1993	11 683	11 805	11 853	11 759	11 516	12 091	11 555	11 763	12 065	11 908	12 267	12 453	35 341	35 366	35 383	36 628	(X)
1994	12 238	12 505	12 677	12 741	13 104	13 314	13 205	13 822	13 809	14 027	14 479	15 425	37 418	39 159	40 836	43 931	(X)
1995	15 437	15 192	15 504	14 991	15 155	15 069	14 591	14 975	14 843	14 876	14 823	14 828	46 133	45 215	44 409	44 527	(X)
1996	14 600	14 518	14 661	14 853	15 104	14 538	14 955	14 914	14 790	14 998	15 224	15 240	43 779	44 495	44 659	45 462	(X)
1997	15 552	15 670	15 596	15 906	15 606	15 786	15 904	15 749	15 904	15 858	15 741	15 713	48 818	47 298	47 557	47 312	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−2.4	5.8	.7	2.0	1.8	3.2	4.8	−1.6	5.3	1.2	6.1	6.1	1.9	6.7	8.4	10.6	(X)
1988	−6.8	1.1	5.4	−.7	3.1	4.3	−3.5	2.6	2.2	–	2.9	1.9	1.4	6.9	2.7	5.0	(X)
1989	.7	−.8	−1.7	.3	−1.7	−.2	−2.2	−.2	−1.4	−1.3	−1.4	−3.0	1.8	−2.3	−3.5	−4.2	(X)
1990	2.7	−.2	1.3	−.9	.7	.3	2.8	−1.2	−1.9	3.0	−4.0	−.5	.4	.4	1.8	−1.6	(X)
1991	−2.1	−5.1	−4.5	5.7	−1.0	−1.8	3.1	.6	1.1	.3	−1.8	−3.2	−8.4	−.7	2.2	−1.0	(X)
1992	3.1	.7	−1.7	2.6	.6	–	.5	−1.6	−.4	.2	.2	−.4	.1	2.1	−.5	−.6	(X)
1993	1.7	1.0	.4	−.8	−2.1	5.0	−4.4	1.8	2.6	−1.3	3.0	1.5	2.4	.1	–	3.5	(X)
1994	−1.7	2.2	1.4	.5	2.8	1.6	−.8	4.7	−.1	1.6	3.2	6.5	2.2	4.7	4.3	7.6	(X)
1995	.1	−1.6	2.1	−3.3	1.1	−.6	−3.2	2.6	−.9	.2	−.4	–	5.0	−2.0	−1.8	.3	(X)
1996	−1.5	−.6	1.0	1.3	1.7	−3.7	2.9	−.3	−.8	1.4	1.5	.1	−1.7	1.6	.4	1.8	(X)
1997	2.0	.8	−.5	2.0	−1.9	1.2	.7	−1.0	1.0	−.3	−.7	−.2	3.0	1.0	.5	−.5	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
BLAST FURNACES, STEEL MILLS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 474	3 906	4 007	4 100	4 251	4 530	4 079	4 402	4 598	4 846	4 881	4 741	11 387	12 881	13 079	14 468	51 815
1988	4 776	5 262	5 566	5 564	5 537	5 818	4 938	5 294	5 517	5 574	5 271	5 177	15 604	16 919	15 749	16 022	64 294
1989	5 484	5 618	5 809	5 848	5 726	5 687	4 928	5 275	5 353	5 421	5 036	4 598	16 911	17 261	15 556	15 055	64 783
1990	4 938	5 151	5 529	5 354	5 415	5 600	4 933	5 304	5 299	5 634	5 120	4 549	15 618	16 369	15 536	15 303	62 826
1991	4 923	4 713	4 507	4 784	4 860	4 920	4 420	4 883	5 066	5 150	4 727	4 314	14 143	14 564	14 369	14 191	57 267
1992	4 816	4 962	5 093	5 077	4 971	5 180	4 465	4 819	4 958	4 994	4 743	4 371	14 871	15 228	14 242	14 108	58 449
1993	4 826	5 157	5 446	5 251	5 209	5 513	4 744	5 282	5 414	5 413	5 242	4 969	15 429	15 973	15 440	15 624	62 466
1994	5 159	5 739	5 854	5 677	5 857	6 012	5 201	6 070	6 075	6 123	5 978	6 142	16 752	17 546	17 346	18 243	69 887
1995	6 072	6 528	6 872	6 328	6 489	6 470	5 401	6 259	6 386	6 477	6 073	5 572	19 472	19 287	18 046	18 122	74 927
1996	5 935	6 331	6 261	6 351	6 407	6 476	5 743	6 271	6 444	6 479	6 057	5 797	18 527	19 234	18 458	18 333	74 552
1997	6 301	6 689	6 614	6 682	6 450	6 784	5 915	6 334	6 538	6 590	6 139	5 987	19 604	19 916	18 787	18 716	77 023
Seasonally Adjusted—Millions of Dollars																	
1987	3 590	3 782	3 813	3 908	4 093	4 219	4 418	4 512	4 594	4 777	5 093	5 109	11 185	12 220	13 524	14 979	(X)
1988	4 939	5 159	5 297	5 327	5 343	5 449	5 351	5 403	5 477	5 419	5 456	5 615	15 395	16 119	16 231	16 490	(X)
1989	5 662	5 580	5 535	5 631	5 543	5 378	5 338	5 323	5 269	5 199	5 183	5 059	16 777	16 552	15 930	15 441	(X)
1990	5 087	5 157	5 271	5 189	5 258	5 316	5 350	5 313	5 180	5 352	5 250	5 066	15 515	15 763	15 843	15 668	(X)
1991	5 068	4 717	4 303	4 656	4 732	4 674	4 804	4 864	4 926	4 909	4 843	4 832	14 088	14 062	14 594	14 584	(X)
1992	4 967	4 919	4 855	4 953	4 845	4 904	4 871	4 790	4 827	4 818	4 862	4 869	14 741	14 702	14 488	14 549	(X)
1993	4 986	5 049	5 170	5 141	5 077	5 228	5 196	5 239	5 284	5 275	5 383	5 486	15 205	15 446	15 719	16 144	(X)
1994	5 327	5 555	5 560	5 572	5 703	5 727	5 710	6 015	5 946	5 978	6 153	6 738	16 442	17 002	17 671	18 869	(X)
1995	6 261	6 285	8 557	6 202	6 306	6 192	5 929	6 227	6 249	6 300	6 265	6 097	19 103	18 700	18 405	18 662	(X)
1996	6 106	6 083	6 031	6 187	6 216	6 194	6 295	6 274	6 309	6 297	6 266	6 330	18 220	18 597	18 878	18 893	(X)
1997	6 470	6 429	6 388	6 481	6 260	6 461	6 475	6 376	6 416	6 413	6 366	6 513	19 287	19 202	19 267	19 292	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.8	5.3	.8	2.5	4.7	3.1	4.7	2.1	1.8	4.0	6.6	.3	2.9	9.3	10.7	10.8	(X)
1988	–3.3	4.5	2.7	.6	.3	2.0	–1.8	1.0	1.4	–1.1	.7	2.9	2.8	4.7	.7	1.6	(X)
1989	.8	–1.4	–.8	1.7	–1.6	–3.0	–.7	–.3	–1.0	–1.3	–.3	–2.4	1.7	–1.3	–3.8	–3.1	(X)
1990	.6	1.4	2.2	–1.6	1.3	1.1	.6	–.7	–2.5	3.3	–1.9	–3.5	.5	1.6	.5	–1.1	(X)
1991	–	–6.9	–8.8	8.2	1.6	–1.2	2.8	1.2	1.3	–.3	–1.3	–.2	–10.1	–.2	3.8	–.1	(X)
1992	2.8	–1.0	–1.3	2.0	–2.2	1.2	–.7	–1.7	.8	–.2	.9	.1	1.1	–.3	–1.5	.4	(X)
1993	2.4	1.3	2.4	–.6	–1.2	3.0	–.6	.8	.9	–.2	2.0	1.9	4.5	1.6	1.8	2.7	(X)
1994	–2.9	4.3	.1	.2	2.4	.4	–.3	5.3	–1.1	.5	2.9	9.5	1.8	3.4	3.9	6.8	(X)
1995	–7.1	.4	4.3	–5.4	1.7	–1.8	–4.2	5.0	.4	.8	–.6	–2.7	1.2	–2.1	–1.6	1.4	(X)
1996	.1	–.4	–.9	2.6	.5	–.4	1.6	–.3	.6	–.2	–.5	1.0	–2.4	2.1	1.5	.1	(X)
1997	2.2	–.8	–.6	1.5	–3.4	3.2	.2	–1.5	.6	–	–.7	2.3	2.1	–.4	.3	.1	(X)
IRON AND STEEL FOUNDRIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	783	891	914	889	870	929	786	930	907	1 001	937	791	2 588	2 688	2 623	2 729	10 628
1988	811	967	1 026	1 006	1 109	1 089	848	1 055	1 124	1 133	1 089	941	2 804	3 204	3 027	3 163	12 198
1989	1 024	1 116	1 086	1 139	1 153	1 127	850	1 074	1 122	1 113	986	802	3 226	3 419	3 048	2 901	12 592
1990	887	985	1 066	1 094	1 139	1 155	963	1 125	1 122	1 168	1 022	735	2 938	3 388	3 210	2 925	12 461
1991	901	969	967	1 048	1 078	1 080	884	995	1 046	1 096	945	705	2 837	3 206	2 925	2 746	11 714
1992	866	989	984	1 018	1 062	1 095	804	1 013	1 036	1 108	1 025	860	2 839	3 175	2 853	2 993	11 860
1993	955	1 077	1 142	1 138	1 119	1 189	727	1 077	1 136	1 228	1 126	932	3 174	3 446	2 940	3 288	12 846
1994	1 063	1 183	1 247	1 214	1 233	1 284	891	1 222	1 244	1 302	1 228	1 123	3 493	3 731	3 357	3 653	14 234
1995	1 207	1 325	1 384	1 304	1 349	1 343	987	1 328	1 336	1 348	1 250	1 074	3 916	3 996	3 651	3 672	15 235
1996	1 179	1 301	1 323	1 400	1 457	1 450	1 160	1 419	1 452	1 425	1 308	1 063	3 803	4 307	4 031	3 796	15 937
1997	1 277	1 407	1 359	1 486	1 439	1 467	1 200	1 444	1 501	1 591	1 389	1 259	4 043	4 392	4 145	4 239	18 819
Seasonally Adjusted—Millions of Dollars																	
1987	849	867	866	855	812	857	906	914	894	923	937	944	2 582	2 524	2 714	2 804	(X)
1988	893	950	982	966	1 031	1 005	1 002	1 027	1 073	1 041	1 088	1 126	2 825	3 002	3 102	3 255	(X)
1989	1 133	1 111	1 059	1 091	1 067	1 037	1 019	1 036	1 048	1 013	986	976	3 303	3 195	3 103	2 975	(X)
1990	985	989	1 047	1 040	1 050	1 060	1 161	1 086	1 048	1 054	1 025	904	3 021	3 150	3 295	2 983	(X)
1991	997	969	950	991	993	988	1 072	969	987	985	952	868	2 916	2 972	3 028	2 805	(X)
1992	959	981	952	964	985	1 006	950	992	994	1 008	1 038	1 052	2 892	2 955	2 936	3 098	(X)
1993	1 046	1 057	1 084	1 081	1 040	1 094	877	1 054	1 096	1 130	1 144	1 130	3 187	3 215	3 027	3 404	(X)
1994	1 151	1 155	1 172	1 154	1 151	1 183	1 088	1 187	1 196	1 214	1 249	1 353	3 478	3 488	3 471	3 816	(X)
1995	1 294	1 290	1 308	1 241	1 264	1 239	1 201	1 283	1 275	1 263	1 273	1 292	3 892	3 744	3 759	3 828	(X)
1996	1 263	1 262	1 272	1 329	1 366	1 340	1 393	1 371	1 379	1 335	1 334	1 286	3 797	4 035	4 143	3 955	(X)
1997	1 372	1 358	1 320	1 407	1 347	1 358	1 426	1 401	1 429	1 481	1 419	1 528	4 050	4 112	4 256	4 428	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–1.6	2.1	–.1	–1.3	–5.0	5.5	5.7	.9	–2.2	3.2	1.5	.7	–.2	–2.2	7.5	3.3	(X)
1988	–5.4	8.4	3.4	–1.6	8.7	–2.5	–.3	2.5	4.5	–3.0	4.5	3.5	.7	8.3	3.3	4.9	(X)
1989	.6	–1.9	–4.7	3.0	–2.2	–2.8	–1.7	1.7	1.2	–3.3	–2.7	–1.0	1.5	–3.3	–2.9	–4.1	(X)
1990	.9	.4	5.9	–.7	1.0	1.0	9.5	–6.5	–3.5	.6	–2.8	–11.8	1.5	4.3	4.6	–9.5	(X)
1991	10.3	–2.8	–2.0	4.3	.2	–.5	8.5	–9.6	1.9	–.2	–3.4	–8.8	–2.2	1.9	1.9	–7.4	(X)
1992	10.5	2.3	–3.0	1.3	2.2	2.1	–5.6	4.4	.2	1.4	3.0	1.3	3.1	2.2	–.6	5.5	(X)
1993	–.6	1.1	2.6	–.3	–3.8	5.2	–19.8	20.2	4.0	3.1	1.2	–1.2	2.9	.9	–5.8	12.5	(X)
1994	1.9	.3	1.5	–1.5	–.3	2.8	–8.0	9.1	.8	1.5	2.9	8.3	2.2	.3	–.5	9.9	(X)
1995	–4.4	–.3	1.4	–5.1	1.9	–2.0	–3.1	6.8	–.6	–.9	.8	1.5	2.0	–3.8	.4	1.8	(X)
1996	–2.2	–.1	.8	4.5	2.8	–1.9	4.0	–1.6	.6	–3.2	–.1	–3.6	–.8	6.3	2.7	–4.5	(X)
1997	6.7	–1.0	–2.8	6.6	–4.3	.8	5.0	–1.8	2.0	3.6	–4.2	7.7	2.4	1.5	3.5	4.0	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
NONFERROUS AND OTHER PRIMARY METALS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 890	4 514	4 693	4 661	4 614	4 907	4 527	4 667	5 331	5 169	5 273	5 559	13 097	14 182	14 525	16 001	57 805
1988	5 125	5 401	6 034	5 763	5 965	8 666	5 563	8 323	8 708	8 704	6 732	6 361	16 560	18 394	18 594	19 797	73 345
1989	6 497	7 029	7 108	6 811	6 606	7 042	8 055	6 583	6 621	6 449	8 069	5 473	20 634	20 459	19 259	17 991	78 343
1990	5 799	6 166	6 348	6 150	6 079	6 304	5 858	6 327	8 402	8 470	5 865	5 730	18 315	18 533	18 587	18 065	73 500
1991	5 465	5 675	5 772	5 851	5 603	5 681	5 233	5 746	5 930	5 884	5 563	4 994	16 912	17 135	18 909	16 441	87 397
1992	5 132	5 647	5 700	5 770	5 881	6 033	5 559	5 797	5 888	5 802	5 561	5 208	16 479	17 884	17 244	18 571	87 978
1993	5 289	5 769	5 824	5 649	5 484	6 057	5 113	5 479	5 902	5 620	5 688	5 499	18 882	17 190	18 494	18 807	87 373
1994	5 387	5 880	6 181	8 149	6 384	6 725	5 915	6 610	6 920	8 970	7 040	6 926	17 448	19 238	19 445	20 938	77 067
1995	7 375	7 736	7 953	7 734	7 742	8 035	8 838	7 434	7 590	7 440	7 254	7 023	23 064	23 511	21 860	21 717	90 152
1996	6 772	7 289	7 674	7 540	7 682	7 382	8 655	7 225	7 360	7 478	7 583	7 168	21 735	22 604	21 240	22 229	87 808
1997	7 230	8 009	8 244	8 262	8 177	8 405	7 347	7 917	8 340	8 083	7 892	7 168	23 483	24 844	23 604	23 143	95 074
Seasonally Adjusted—Millions of Dollars																	
1987	4 118	4 408	4 443	4 537	4 562	4 691	4 914	4 851	5 121	5 032	5 357	8 024	12 989	13 790	14 688	18 413	(X)
1988	5 442	5 286	5 732	5 638	5 922	6 376	8 025	8 268	8 427	8 520	8 816	8 873	16 460	17 938	18 720	20 209	(X)
1989	8 918	6 913	6 779	8 695	8 574	8 739	8 503	8 473	8 338	8 282	8 147	5 907	20 810	20 008	19 312	18 336	(X)
1990	6 190	8 089	6 077	6 051	6 056	6 026	6 235	8 200	8 131	8 322	5 942	8 189	18 356	18 133	18 566	18 453	(X)
1991	5 841	5 615	5 534	5 753	5 581	5 418	5 543	5 854	5 701	5 759	5 646	5 370	16 990	18 732	18 898	18 775	(X)
1992	5 485	5 566	5 479	5 665	5 822	5 747	5 896	5 748	5 665	5 880	5 631	5 565	16 550	17 234	17 309	18 878	(X)
1993	5 651	5 699	5 599	5 537	5 399	5 789	5 482	5 470	5 885	5 503	5 740	5 837	16 949	18 705	16 637	17 080	(X)
1994	5 758	5 795	5 945	8 015	6 250	6 404	6 407	8 620	8 867	8 835	7 077	7 334	17 498	18 869	19 694	21 248	(X)
1995	7 882	7 617	7 639	7 548	7 585	7 838	7 481	7 465	7 319	7 313	7 285	7 439	23 138	22 771	22 245	22 037	(X)
1996	7 231	7 173	7 358	7 337	7 522	7 004	7 267	7 269	7 102	7 366	7 624	7 624	21 762	21 863	21 638	22 814	(X)
1997	7 710	7 883	7 888	8 018	7 999	7 967	8 003	7 972	8 059	7 964	7 956	7 672	23 481	23 984	24 034	23 592	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–3.9	7.0	.8	2.1	.8	2.8	4.8	–5.4	10.1	–1.7	6.5	12.5	1.4	8.3	8.5	11.8	(X)
1988	–9.7	–2.9	8.4	–1.6	5.0	7.7	–5.5	4.0	2.5	1.4	4.5	.8	.3	9.0	4.4	8.0	(X)
1989	.7	–.1	–1.9	–1.2	–1.8	2.5	–3.5	–.5	–2.1	–.9	–2.1	–3.9	2.0	–2.9	–3.5	–5.1	(X)
1990	4.8	–1.8	–.2	–.4	.1	–.5	3.5	–.8	–1.1	3.1	–6.0	4.2	.1	–1.2	2.4	–.8	(X)
1991	–5.6	–3.9	–1.4	4.0	–3.3	–2.6	2.3	2.0	.8	1.0	–2.0	–4.9	–7.9	–1.5	1.0	–.7	(X)
1992	2.1	1.8	–1.9	3.4	2.8	–1.3	2.6	–2.5	–1.4	.3	–.9	–1.2	–1.3	4.1	.4	–2.5	(X)
1993	1.5	.8	–1.8	–1.1	–2.5	8.9	–5.0	–.2	3.9	–3.2	4.3	1.7	.4	–1.4	–.4	2.7	(X)
1994	–1.4	.8	2.8	1.2	3.9	2.5	–	3.3	.7	2.5	3.5	3.6	2.4	6.7	5.5	7.9	(X)
1995	7.5	–3.4	.3	–1.2	.5	.7	–2.3	.1	–2.0	–.1	–.4	2.1	8.9	–1.6	–2.3	–.9	(X)
1996	–2.8	–.8	2.6	–.3	2.5	–6.9	3.8	–	–2.3	3.7	3.5	–	–1.2	.5	–1.0	4.5	(X)
1997	1.1	2.2	.1	1.8	–.2	–.4	.5	–.4	1.1	–1.2	–.1	–3.6	3.8	2.1	.2	–1.8	(X)
FABRICATED METAL PRODUCTS, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	10 725	12 666	13 151	12 501	12 459	13 112	11 460	12 138	12 809	12 629	12 245	11 470	36 544	38 072	36 407	36 344	147 367
1988	11 403	13 028	13 772	13 255	13 700	14 778	11 974	13 096	14 025	14 102	13 528	12 850	38 201	41 731	39 095	40 478	159 505
1989	12 621	14 022	14 728	13 958	14 014	14 412	12 060	13 838	14 352	14 288	13 457	12 527	41 371	42 382	40 050	40 270	164 073
1990	11 892	13 773	14 830	13 812	14 717	14 945	12 683	13 783	14 471	14 575	13 013	12 570	40 495	43 474	40 937	40 158	165 064
1991	11 883	12 885	13 502	13 121	13 548	14 143	12 042	13 537	14 224	14 750	13 814	12 513	38 070	40 810	39 803	41 077	159 760
1992	11 982	13 517	14 179	13 720	14 030	14 995	12 673	14 002	14 815	14 894	13 933	13 792	39 678	42 745	41 490	42 619	166 532
1993	12 706	14 226	15 308	14 291	14 788	15 771	12 811	14 531	15 547	15 763	15 007	14 371	42 240	44 848	42 889	45 141	175 118
1994	13 912	15 303	18 558	15 558	16 028	16 713	14 096	18 570	17 043	18 997	18 510	15 260	45 773	48 295	47 709	48 767	190 544
1995	15 883	18 966	17 725	16 737	17 237	17 933	15 024	17 683	18 075	18 262	16 977	16 082	50 374	51 907	50 782	51 321	204 384
1996	15 922	17 284	17 781	17 889	18 522	19 026	15 888	18 720	19 160	19 122	18 154	16 579	50 947	55 437	53 766	53 855	214 007
1997	16 707	18 588	18 958	19 120	18 776	19 983	18 832	19 473	20 423	20 419	18 961	17 878	54 253	57 881	56 728	57 258	226 120
Seasonally Adjusted—Millions of Dollars																	
1987	11 894	12 536	12 424	12 315	12 063	12 274	12 497	12 174	12 201	12 001	12 485	12 429	36 854	36 652	36 872	36 915	(X)
1988	12 691	12 925	12 998	13 071	13 274	13 799	13 194	13 169	13 327	13 360	13 702	13 824	38 614	40 144	39 690	40 888	(X)
1989	14 089	13 949	13 897	13 828	13 589	13 428	13 354	13 706	13 622	13 523	13 576	13 431	41 935	40 843	40 682	40 530	(X)
1990	13 328	13 803	14 022	13 745	14 283	13 908	14 019	13 601	13 734	13 777	13 105	13 417	41 153	41 916	41 554	40 299	(X)
1991	13 128	12 937	12 808	13 114	13 117	13 130	13 258	13 512	13 490	13 938	13 889	13 313	38 871	39 361	40 260	41 138	(X)
1992	13 440	13 572	13 455	13 744	13 853	13 969	14 028	13 928	14 048	14 053	14 008	14 847	40 487	41 366	41 996	42 708	(X)
1993	14 134	14 287	14 585	14 335	14 421	14 729	14 286	14 353	14 738	14 659	15 063	15 352	42 986	43 485	43 359	45 274	(X)
1994	15 318	15 336	15 833	15 590	15 872	15 667	15 793	18 222	18 158	18 010	18 589	18 406	46 485	46 929	48 171	49 005	(X)
1995	17 115	18 988	17 023	16 719	18 885	16 830	18 910	17 229	17 120	17 222	17 088	17 328	51 124	50 434	51 259	51 638	(X)
1996	17 391	17 248	17 084	17 794	18 159	17 881	17 664	18 215	16 122	18 051	18 302	17 846	51 723	53 814	54 201	54 199	(X)
1997	16 297	18 491	18 255	16 953	18 401	16 755	18 932	18 995	19 283	19 274	19 143	19 299	55 043	58 109	57 210	57 716	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1967	–1.3	5.4	–.9	–.9	–2.0	1.7	1.8	–2.6	.2	–1.6	4.0	–.4	2.2	–.5	.6	.1	(X)
1988	2.1	1.8	.6	.6	1.8	4.0	–4.4	–.2	1.2	.2	2.6	.9	4.6	4.0	–1.1	3.0	(X)
1989	1.9	–1.0	–.4	–.5	–1.7	–1.2	–.6	2.8	–.6	–.7	.4	–1.1	2.6	–2.6	–.4	–.4	(X)
1990	–.8	3.8	1.8	–2.0	3.8	–2.5	.8	–1.8	–.5	.3	–4.9	2.4	1.5	1.9	–.9	–3.0	(X)
1991	–2.2	–1.4	–1.0	2.4	–	.1	1.0	1.9	–.2	3.3	–.3	–4.1	–3.5	1.3	2.3	2.2	(X)
1992	1.0	1.0	–.9	2.1	–.7	2.3	.4	–.7	.9	–	–.3	4.6	–1.6	2.2	1.5	1.7	(X)
1993	–3.5	.9	2.2	–1.7	.6	2.1	–3.1	.6	2.7	.8	1.4	1.9	.7	1.2	–.3	4.4	(X)
1994	–.2	.1	3.2	–1.5	.5	–	.8	2.7	–.4	–.9	3.6	–1.1	2.7	1.0	2.6	1.7	(X)
1995	4.3	–.8	.2	–1.8	1.0	–.3	.5	1.9	–.6	.6	–.8	1.4	4.3	–1.3	1.6	.7	(X)
1996	.4	–.8	–1.0	4.2	2.1	–1.6	–	2.0	–.5	–.4	1.4	–2.5	.2	4.0	.7	–	(X)
1997	2.5	1.1	–1.3	3.8	–2.9	1.9	.9	.3	1.5	–	–.7	.8	1.6	1.9	2.0	.9	(X)

See footnotes at and of tabla.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	15 192	17 283	19 329	17 434	17 381	20 199	16 546	16 499	20 394	18 479	17 995	20 940	51 804	55 014	53 439	57 414	217 671
1988	16 396	18 988	22 046	19 662	19 954	23 346	18 132	19 490	23 059	20 356	19 868	23 068	57 430	62 962	60 681	63 292	244 365
1989	18 021	20 721	23 437	20 934	21 321	25 051	18 361	20 042	23 440	20 866	20 459	23 559	62 179	67 306	61 843	64 884	256 212
1990	18 381	20 979	24 838	21 026	21 297	24 633	18 460	20 399	23 627	21 811	20 584	23 332	64 198	66 956	62 486	65 727	259 367
1991	17 702	20 174	22 886	20 462	20 321	23 977	17 850	19 023	22 391	20 712	20 071	21 939	60 762	64 760	59 264	62 722	247 508
1992	17 659	20 006	24 346	20 970	20 715	25 725	18 792	19 949	23 472	21 149	21 169	24 710	62 011	67 410	62 213	67 028	258 662
1993	18 944	21 723	26 610	21 973	22 332	26 089	19 585	21 090	25 760	22 800	23 660	27 497	67 277	70 394	66 435	73 957	278 063
1994	20 359	24 383	29 165	24 498	25 410	29 819	22 325	25 021	29 059	26 354	26 309	30 345	73 907	79 727	76 405	83 008	313 047
1995	23 598	28 079	33 393	27 843	28 844	33 697	24 357	27 878	33 031	29 414	29 459	33 745	85 070	90 384	85 266	92 618	353 338
1996	25 858	31 337	36 959	29 840	30 983	36 898	26 516	30 052	35 929	30 940	30 701	35 782	94 154	97 721	92 497	97 423	381 795
1997	27 167	31 924	38 750	32 421	32 621	40 108	29 766	31 849	39 131	33 894	32 592	38 637	97 841	105 150	100 746	105 123	408 860
Seasonally Adjusted—Millions of Dollars																	
1987	17 711	17 592	17 364	17 690	17 572	17 729	18 769	17 929	18 619	18 873	18 727	19 166	52 667	52 991	55 317	56 766	(X)
1988	19 216	19 419	19 756	19 978	20 192	20 383	20 645	21 003	20 988	20 788	20 817	20 962	58 391	60 553	62 636	62 567	(X)
1989	21 116	21 229	20 920	21 278	21 542	21 772	21 035	21 508	21 351	21 239	21 496	21 453	63 265	64 592	63 894	64 188	(X)
1990	21 567	21 596	22 054	21 349	21 516	21 288	21 294	21 887	21 575	22 236	21 539	21 417	65 217	64 153	64 756	65 192	(X)
1991	20 867	20 780	20 154	20 758	20 610	20 625	20 698	20 532	20 629	21 205	20 895	20 144	61 801	61 993	61 859	62 244	(X)
1992	21 018	20 670	21 238	21 509	21 087	22 039	21 863	21 562	21 502	21 740	21 878	22 471	62 926	64 635	64 927	66 089	(X)
1993	22 568	22 297	22 977	22 451	22 638	22 496	22 943	22 798	23 620	23 531	24 420	24 942	67 842	67 585	69 361	72 893	(X)
1994	24 140	24 940	24 998	25 268	25 767	25 671	26 313	26 922	26 635	27 211	27 204	27 595	74 078	76 706	79 870	82 010	(X)
1995	27 967	28 590	28 511	29 084	29 513	29 120	28 911	29 850	29 949	30 414	30 637	31 020	85 068	87 717	88 710	92 071	(X)
1996	30 678	32 109	31 379	31 189	31 656	31 696	31 431	32 116	32 371	32 024	32 172	32 690	94 166	94 541	95 918	96 886	(X)
1997	32 400	32 565	32 862	33 688	33 401	34 360	35 124	34 116	35 234	35 090	34 343	35 698	97 827	101 449	104 474	105 131	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.9	−.7	−1.3	1.9	−.7	.9	5.9	−4.5	3.8	1.4	−.8	2.3	1.2	.6	4.4	2.6	(X)
1988	.3	1.1	1.7	1.1	1.1	.9	1.3	1.7	−.1	−1.0	.1	.7	2.9	3.7	3.4	−.1	(X)
1989	.7	.5	−1.5	1.7	1.2	1.1	−3.4	2.2	−.7	−.5	1.2	−.2	1.1	2.1	−1.1	.5	(X)
1990	.5	.1	2.1	−3.2	.8	−1.1	–	2.8	−1.4	3.1	−3.1	−.6	1.6	−1.6	.9	.7	(X)
1991	−2.6	−.4	−3.0	3.0	−.7	.1	.4	−.8	.5	2.8	−1.5	−3.6	−5.2	.3	−.2	.6	(X)
1992	4.3	−1.7	2.7	1.3	−2.0	4.5	−.8	−1.4	−.3	1.1	.6	2.7	1.1	2.7	.5	1.8	(X)
1993	.4	−1.2	3.0	−2.3	.8	−.6	2.0	−.6	3.6	−.4	3.8	2.1	2.7	−.4	2.6	5.1	(X)
1994	−3.2	3.3	.2	1.1	2.0	−.4	2.5	2.3	−1.1	2.2	–	1.4	1.6	3.5	4.1	2.7	(X)
1995	1.3	2.2	−.3	2.0	1.5	−1.3	−.7	3.2	.3	1.6	.7	1.3	3.7	3.1	1.1	3.8	(X)
1996	−1.1	4.7	−2.3	−.6	1.5	.1	−.8	2.2	.8	−1.1	.5	1.6	2.3	.4	1.5	1.0	(X)
1997	−.9	.5	.9	2.5	−.9	2.9	2.2	−2.9	3.3	−.4	−2.1	3.9	1.0	3.7	3.0	.6	(X)
ENGINES AND TURBINES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	928	1 116	1 364	1 137	1 136	1 261	1 067	1 144	1 342	1 174	1 273	1 629	3 408	3 534	3 553	4 076	14 571
1988	1 006	1 178	1 475	1 259	1 304	1 387	1 093	1 414	1 531	1 300	1 378	2 047	3 659	3 950	4 038	4 725	16 372
1989	1 178	1 459	1 641	1 386	1 381	1 526	976	1 393	1 573	1 304	1 321	2 091	4 278	4 293	3 942	4 716	17 229
1990	1 178	1 360	1 603	1 286	1 351	1 572	985	1 325	1 637	1 241	1 428	2 062	4 141	4 209	3 947	4 731	17 028
1991	1 086	1 199	1 558	1 274	1 409	1 939	1 146	1 297	1 657	1 326	1 396	1 918	3 843	4 622	4 100	4 640	17 205
1992	1 066	1 278	1 657	1 352	1 407	1 729	1 044	1 217	1 790	1 326	1 400	2 284	4 001	4 488	4 051	5 010	17 550
1993	1 036	1 365	1 657	1 304	1 407	1 890	1 070	1 297	2 069	1 445	1 560	2 734	4 058	4 601	4 436	5 739	18 834
1994	1 238	1 503	1 976	1 545	1 687	2 445	1 176	1 703	2 214	1 695	1 900	3 028	4 717	5 677	5 093	6 623	22 110
1995	1 535	1 896	2 008	1 901	1 967	2 000	1 259	1 697	2 369	1 744	1 855	2 555	5 439	5 868	5 325	6 154	22 786
1996	1 602	1 988	2 309	1 688	1 806	2 370	1 368	1 664	2 338	1 770	1 894	2 757	5 899	5 864	5 370	6 421	23 554
1997	1 581	1 890	2 229	1 922	1 926	2 364	1 499	1 806	2 325	1 987	2 018	2 580	5 700	6 212	5 630	6 585	24 127
Seasonally Adjusted—Millions of Dollars																	
1987	1 086	1 131	1 134	1 153	1 166	1 178	1 320	1 259	1 252	1 272	1 309	1 260	3 351	3 497	3 831	3 841	(X)
1988	1 219	1 194	1 255	1 293	1 327	1 297	1 374	1 526	1 422	1 406	1 413	1 458	3 668	3 917	4 322	4 277	(X)
1989	1 460	1 514	1 431	1 456	1 412	1 396	1 268	1 483	1 417	1 425	1 358	1 431	4 405	4 264	4 168	4 214	(X)
1990	1 416	1 457	1 419	1 367	1 390	1 376	1 305	1 443	1 411	1 339	1 461	1 461	4 292	4 133	4 159	4 261	(X)
1991	1 402	1 315	1 392	1 406	1 482	1 607	1 591	1 475	1 414	1 451	1 430	1 340	4 109	4 495	4 480	4 221	(X)
1992	1 427	1 414	1 471	1 558	1 496	1 445	1 473	1 411	1 497	1 491	1 448	1 469	4 312	4 499	4 381	4 408	(X)
1993	1 418	1 478	1 454	1 447	1 482	1 549	1 563	1 515	1 680	1 633	1 631	1 768	4 350	4 478	4 758	5 032	(X)
1994	1 509	1 622	1 715	1 657	1 749	1 981	1 726	1 973	1 862	1 902	2 003	2 000	4 846	5 387	5 561	5 905	(X)
1995	1 944	2 025	1 742	2 205	2 139	1 715	1 872	1 947	1 953	1 946	1 949	1 887	5 711	6 059	5 772	5 782	(X)
1996	2 036	2 092	1 990	1 813	1 876	1 974	1 979	1 892	1 945	1 922	1 985	1 987	6 118	5 663	5 816	5 894	(X)
1997	2 013	1 918	1 924	2 049	2 007	2 015	2 107	2 046	2 009	2 111	2 091	2 063	5 855	6 071	6 162	6 265	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−10.6	4.1	.3	1.7	1.1	1.0	12.1	−4.6	−.6	1.6	2.9	−3.7	−3.4	4.4	9.6	.3	(X)
1988	−3.3	−2.1	5.1	3.0	2.6	−2.3	5.9	11.1	−6.8	−1.1	.5	3.2	−4.5	6.8	10.3	−1.0	(X)
1989	.1	3.7	−5.5	1.7	−3.0	−1.1	−9.2	17.0	−4.5	.6	−4.7	5.4	3.0	−3.2	−2.3	1.1	(X)
1990	−1.0	2.9	−2.6	−3.7	1.7	−1.0	−5.2	10.6	−2.2	−5.1	9.1	–	1.9	−3.7	.6	2.5	(X)
1991	−4.0	−6.2	5.9	1.0	5.4	8.4	−1.0	−7.3	−4.1	2.6	−1.4	−6.3	−3.6	9.4	−.3	−5.8	(X)
1992	6.5	−.9	4.0	5.9	−4.0	−3.4	1.9	−4.2	6.1	−.4	−2.9	1.5	2.2	4.3	−2.6	.6	(X)
1993	−3.5	4.2	−1.6	−.5	2.4	4.5	.9	−3.1	10.9	−2.8	−.1	8.4	−1.3	2.9	6.3	5.8	(X)
1994	−14.6	7.5	5.7	−3.4	5.6	13.3	−12.9	14.3	−5.6	2.1	5.3	−.1	−3.7	11.2	3.2	6.2	(X)
1995	−2.8	4.2	−14.0	26.6	−3.0	−19.8	9.2	4.0	.3	−.4	.2	−3.2	−3.3	6.1	−4.7	.2	(X)
1996	7.9	2.8	−4.9	−8.9	3.5	5.2	.3	−4.4	2.8	−1.2	3.3	.1	5.8	−7.4	2.7	1.3	(X)
1997	1.3	−4.7	.3	6.5	−2.0	.4	4.6	−2.9	−1.8	5.1	−.9	−1.3	−.7	3.7	1.5	1.7	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
FARM AND GARDEN MACHINERY—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	775	946	1 118	1 100	1 032	1 092	882	786	946	986	756	1 055	2 839	3 224	2 614	2 797	11 474
1988	1 054	1 170	1 394	1 423	1 316	1 185	810	945	1 090	1 126	963	1 148	3 618	3 924	2 845	3 237	13 624
1989	962	1 368	1 468	1 517	1 386	1 314	969	1 164	1 256	1 358	1 275	1 088	3 798	4 217	3 389	3 721	15 125
1990	1 179	1 423	1 751	1 654	1 520	1 392	1 041	1 135	1 366	1 544	1 200	1 444	4 353	4 566	3 542	4 188	16 649
1991	1 166	1 447	1 566	1 673	1 428	1 489	982	943	1 193	1 268	1 090	1 179	4 179	4 590	3 118	3 537	15 424
1992	1 330	1 478	1 689	1 623	1 386	1 227	907	855	996	1 213	1 034	1 046	4 497	4 236	2 758	3 293	14 784
1993	1 253	1 634	1 747	2 059	1 730	1 468	1 039	1 041	1 257	1 339	1 201	1 250	4 634	5 257	3 337	3 790	17 018
1994	1 298	1 827	2 235	2 118	2 028	1 638	1 218	1 393	1 482	1 705	1 294	1 359	5 360	5 784	4 093	4 358	19 595
1995	1 563	2 140	2 431	2 326	1 982	1 745	1 305	1 409	1 497	1 563	1 433	1 334	6 134	6 053	4 211	4 330	20 728
1996	1 582	2 162	2 377	2 178	2 140	1 773	1 369	1 496	1 691	1 722	1 519	1 283	6 121	6 091	4 556	4 524	21 292
1997	1 608	2 095	2 536	2 559	2 233	1 947	1 702	1 638	1 945	1 843	1 311	1 511	6 239	6 739	5 285	4 665	22 928
Seasonally Adjusted—Millions of Dollars																	
1987	861	900	900	882	906	984	1 199	938	983	954	947	1 119	2 661	2 772	3 120	3 020	(X)
1988	1 168	1 094	1 120	1 142	1 159	1 093	1 100	1 122	1 141	1 105	1 195	1 202	3 382	3 394	3 363	3 502	(X)
1989	1 064	1 260	1 172	1 213	1 224	1 237	1 301	1 401	1 326	1 349	1 557	1 155	3 496	3 674	4 028	4 061	(X)
1990	1 305	1 285	1 388	1 303	1 341	1 318	1 379	1 414	1 465	1 549	1 444	1 583	3 978	3 962	4 258	4 576	(X)
1991	1 294	1 288	1 223	1 288	1 252	1 397	1 288	1 227	1 308	1 282	1 312	1 339	3 805	3 937	3 823	3 933	(X)
1992	1 483	1 289	1 299	1 226	1 185	1 163	1 191	1 131	1 120	1 235	1 252	1 237	4 071	3 574	3 442	3 724	(X)
1993	1 397	1 400	1 319	1 537	1 453	1 416	1 381	1 356	1 431	1 372	1 463	1 523	4 116	4 406	4 168	4 358	(X)
1994	1 444	1 540	1 667	1 596	1 686	1 614	1 625	1 746	1 682	1 761	1 582	1 712	4 651	4 896	5 053	5 055	(X)
1995	1 733	1 792	1 790	1 766	1 663	1 732	1 724	1 721	1 670	1 628	1 750	1 722	5 315	5 161	5 115	5 100	(X)
1996	1 755	1 813	1 744	1 670	1 802	1 762	1 775	1 805	1 850	1 808	1 873	1 688	5 312	5 234	5 430	5 369	(X)
1997	1 789	1 765	1 861	1 947	1 892	1 927	2 168	1 979	2 098	1 940	1 648	1 989	5 415	5 766	6 245	5 577	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	2.4	4.5	–	−2.0	2.7	8.6	21.8	−21.8	4.8	−3.0	−.7	18.2	10.2	4.2	12.6	−3.2	(X)
1988	4.4	−6.3	2.4	2.0	1.5	−5.7	.6	2.0	1.7	−3.2	8.1	.6	12.0	.4	−.9	4.1	(X)
1989	−11.5	18.4	−7.0	3.5	.9	1.1	5.2	7.7	−5.4	1.7	15.4	−25.8	−.2	5.1	9.6	.8	(X)
1990	13.0	−1.5	8.0	−6.1	2.9	−1.7	4.6	2.5	3.6	5.7	−6.8	9.6	−2.0	−.4	7.5	7.5	(X)
1991	−18.3	−.5	−5.0	5.3	−2.8	11.6	−7.8	−4.7	6.6	−2.0	2.3	2.1	−16.8	3.5	−2.9	2.9	(X)
1992	10.8	−13.1	.8	−5.6	−3.3	−1.9	2.4	−5.0	−1.0	10.3	1.4	−1.2	3.5	−12.2	−3.7	8.2	(X)
1993	12.9	.2	−5.8	16.5	−5.5	−2.5	−2.5	−1.8	5.5	−4.1	6.6	4.1	10.5	7.0	−5.4	4.6	(X)
1994	−5.2	6.6	8.2	−4.3	5.6	−4.3	.7	7.4	−3.7	4.7	−10.2	8.2	6.7	5.3	3.2	–	(X)
1995	1.2	3.4	−.1	−1.3	−5.8	4.1	−.5	−.2	−3.0	−2.5	7.5	−1.6	5.1	−2.9	−.9	−.3	(X)
1996	1.9	3.3	−3.8	−4.2	7.9	−2.2	.7	1.7	2.5	−2.3	3.6	−9.9	4.2	−1.5	3.7	−1.1	(X)
1997	6.0	−1.3	5.4	4.6	−2.8	1.8	12.5	−8.7	6.0	−7.5	−15.1	20.7	.9	6.5	8.3	−10.7	(X)
CONSTRUCTION, MINING, AND MATERIAL HANDLING EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 506	1 849	2 042	2 071	2 004	2 196	2 193	1 958	2 237	2 168	2 242	2 156	5 397	6 271	6 388	6 566	24 622
1988	1 994	2 278	2 429	2 469	2 379	2 486	2 530	2 171	2 349	2 289	2 239	2 187	6 701	7 334	7 050	6 715	27 800
1989	2 175	2 343	2 612	2 532	2 578	2 558	2 268	2 315	2 470	2 672	2 633	2 493	7 130	7 668	7 053	7 798	29 649
1990	2 391	2 725	2 922	2 722	2 667	2 749	2 230	2 435	2 430	2 568	2 701	2 308	8 038	8 138	7 095	7 577	30 848
1991	2 248	2 519	2 491	2 586	2 444	2 521	1 996	2 242	2 497	2 298	2 083	2 003	7 258	7 551	6 735	6 384	27 928
1992	1 796	2 104	2 268	2 316	2 242	2 584	2 164	2 264	2 438	2 442	2 247	2 328	6 168	7 142	6 866	7 017	27 193
1993	2 221	2 645	2 835	2 664	2 643	2 748	2 243	2 351	2 570	2 705	2 504	2 496	7 701	8 055	7 164	7 705	30 625
1994	2 397	2 854	2 987	2 807	2 882	3 072	2 594	2 823	2 936	2 957	2 852	2 986	8 238	8 761	8 353	8 795	34 147
1995	2 840	3 364	3 439	3 172	3 223	3 445	2 876	3 100	3 187	3 228	3 118	3 458	9 643	9 840	9 163	9 804	38 450
1996	3 035	3 490	3 784	3 484	3 521	3 726	3 127	3 335	3 547	3 542	3 387	3 532	10 309	10 731	10 009	10 461	41 510
1997	3 195	3 885	4 127	3 989	3 799	4 041	3 473	3 692	3 931	3 944	3 771	3 918	11 207	11 829	11 096	11 633	45 765
Seasonally Adjusted—Millions of Dollars																	
1987	1 687	1 867	1 931	1 938	1 933	2 049	2 152	2 153	2 244	2 173	2 249	2 266	5 485	5 920	6 549	6 688	(X)
1988	2 220	2 285	2 261	2 317	2 294	2 321	2 569	2 345	2 361	2 276	2 260	2 313	6 766	6 932	7 275	6 849	(X)
1989	2 415	2 329	2 400	2 384	2 487	2 390	2 400	2 447	2 477	2 633	2 668	2 650	7 144	7 261	7 324	7 951	(X)
1990	2 660	2 685	2 679	2 566	2 573	2 545	2 431	2 533	2 433	2 511	2 770	2 459	8 024	7 684	7 397	7 740	(X)
1991	2 510	2 468	2 284	2 433	2 360	2 312	2 201	2 328	2 498	2 243	2 164	2 127	7 262	7 105	7 027	6 534	(X)
1992	2 005	2 044	2 077	2 187	2 171	2 349	2 384	2 361	2 438	2 392	2 369	2 457	6 126	6 707	7 183	7 218	(X)
1993	2 479	2 531	2 579	2 542	2 564	2 501	2 476	2 462	2 565	2 672	2 646	2 612	7 589	7 607	7 503	7 930	(X)
1994	2 664	2 695	2 705	2 719	2 798	2 809	2 870	2 948	2 931	2 940	3 017	3 093	8 064	8 326	8 749	9 050	(X)
1995	3 147	3 148	3 102	3 098	3 135	3 175	3 187	3 230	3 183	3 227	3 290	3 556	9 397	9 408	9 600	10 073	(X)
1996	3 355	3 269	3 403	3 396	3 435	3 451	3 461	3 478	3 544	3 549	3 578	3 614	10 027	10 282	10 483	10 741	(X)
1997	3 533	3 652	3 699	3 858	3 719	3 758	3 840	3 860	3 922	3 953	3 981	4 005	10 884	11 335	11 622	11 939	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−20.6	10.7	3.4	.4	−.3	6.0	5.0	–	4.2	−3.2	3.5	.8	−8.7	7.9	10.6	2.1	(X)
1988	−2.0	2.9	−1.1	2.5	−1.0	1.2	10.7	−8.7	.7	−3.6	−.7	2.3	1.2	2.5	4.9	−5.9	(X)
1989	4.4	−3.6	3.0	−.7	4.3	−3.9	.4	2.0	1.2	6.3	1.3	−.7	4.3	1.6	.9	8.6	(X)
1990	.4	.9	−.2	−4.2	.3	−1.1	−4.5	4.2	−3.9	3.2	10.3	−11.2	.9	−4.2	−3.7	4.6	(X)
1991	2.1	−1.7	−7.5	6.5	−3.0	−2.0	−4.8	5.8	7.3	−10.2	−3.5	−1.7	−6.2	−2.2	−1.1	−7.0	(X)
1992	−5.7	1.9	1.6	5.3	−.7	8.2	1.5	−1.0	3.3	−1.9	−1.0	3.7	−6.2	9.5	7.1	.5	(X)
1993	.9	2.1	1.9	−1.4	.9	−2.5	−1.0	−.6	4.2	4.2	−1.0	−1.3	5.1	.2	−1.4	5.7	(X)
1994	2.0	1.2	.4	.5	2.9	.4	2.2	2.7	−.6	.3	2.6	2.5	1.7	3.2	5.1	3.4	(X)
1995	1.7	–	−1.5	−.1	1.2	1.3	.4	1.3	−1.5	1.4	2.0	8.1	3.8	.1	2.0	4.9	(X)
1996	−5.7	−2.6	4.1	−.2	1.1	.5	.3	.5	1.9	.1	.8	1.0	−.5	2.5	2.0	2.5	(X)
1997	−2.2	3.4	1.3	4.3	−3.6	1.0	2.2	.5	1.6	.8	.7	.6	1.3	4.1	2.5	2.7	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
METALWORKING MACHINERY—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 695	1 905	1 953	1 797	1 747	1 909	1 529	1 631	1 956	1 984	1 975	1 923	5 553	5 453	5 116	5 882	22 004
1988	1 709	1 995	2 214	1 859	1 906	2 086	1 711	1 934	2 232	2 254	2 177	2 083	5 918	5 831	5 877	6 514	24 140
1989	1 744	2 200	2 437	2 057	2 203	2 426	1 937	2 045	2 240	2 329	2 156	2 458	6 381	6 686	6 222	6 943	26 232
1990	1 816	2 061	2 537	2 011	2 120	2 485	1 998	2 036	2 329	2 437	2 153	2 378	8 414	6 618	6 363	6 966	28 359
1991	1 607	2 032	2 164	1 853	2 035	2 329	1 776	1 990	2 250	2 241	2 095	2 182	5 803	6 217	6 016	6 518	24 554
1992	1 600	2 051	2 510	1 982	2 030	2 464	1 816	2 098	2 528	2 164	2 532	2 699	6 161	6 476	6 442	7 395	26 474
1993	2 021	2 268	2 599	2 208	2 374	2 522	1 960	2 150	2 571	2 487	2 703	2 735	6 888	7 104	6 681	7 925	28 598
1994	1 999	2 354	2 694	2 389	2 595	2 667	2 201	2 560	3 122	2 960	3 031	2 875	7 047	7 651	7 883	8 866	31 447
1995	2 357	2 797	3 085	2 731	2 786	3 247	2 434	2 859	3 245	3 431	3 197	3 123	8 239	8 764	8 538	9 751	35 292
1996	2 284	2 962	3 220	2 829	3 016	3 342	2 503	2 937	3 433	3 386	3 552	3 377	8 466	9 187	8 873	10 315	36 841
1997	2 505	3 127	3 554	3 153	3 391	3 963	3 010	3 331	4 138	3 670	3 802	3 616	9 186	10 507	10 479	11 088	41 280
Seasonally Adjusted—Millions of Dollars																	
1987	1 870	1 813	1 774	1 826	1 773	1 804	1 776	1 757	1 855	1 847	1 931	1 903	5 457	5 403	5 388	5 681	(X)
1988	1 944	1 923	1 998	1 934	1 938	1 932	1 981	2 082	2 104	2 079	2 121	1 999	5 865	5 804	6 167	6 199	(X)
1989	2 065	2 153	2 190	2 196	2 247	2 231	2 224	2 201	2 099	2 133	2 113	2 287	6 408	6 674	6 524	6 533	(X)
1990	2 223	2 044	2 285	2 182	2 167	2 246	2 297	2 188	2 172	2 223	2 109	2 165	8 552	6 595	8 657	6 497	(X)
1991	2 004	2 043	1 961	2 015	2 080	2 089	2 073	2 128	2 080	2 061	2 016	1 972	8 008	6 184	6 281	6 049	(X)
1992	1 995	2 095	2 292	2 144	2 068	2 217	2 166	2 229	2 313	2 006	2 380	2 443	8 382	6 429	6 708	8 829	(X)
1993	2 495	2 353	2 394	2 374	2 416	2 291	2 356	2 275	2 328	2 327	2 490	2 495	7 242	7 081	6 959	7 312	(X)
1994	2 468	2 449	2 501	2 557	2 638	2 428	2 657	2 700	2 806	2 766	2 767	2 661	7 418	7 623	8 163	8 194	(X)
1995	2 939	2 899	2 878	2 920	2 830	2 940	2 926	3 008	2 894	3 196	2 905	2 934	8 716	8 690	8 828	9 035	(X)
1996	2 906	3 063	3 017	3 026	3 057	2 998	2 992	3 083	3 040	3 151	3 220	3 206	8 986	9 081	9 115	9 577	(X)
1997	3 224	3 262	3 338	3 379	3 434	3 524	3 557	3 488	3 637	3 428	3 450	3 449	9 824	10 337	10 682	10 327	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	9.4	-3.0	-2.2	2.9	-2.9	1.7	-1.6	-1.1	5.6	-.4	4.5	-1.5	1.2	-1.0	-.3	5.4	(X)
1988	2.2	-1.1	3.9	-3.2	.2	-.3	2.5	5.1	1.1	-1.2	2.0	-5.8	3.2	-1.0	6.3	.5	(X)
1989	3.3	4.3	1.7	.3	2.3	-.7	-.3	-1.0	-4.6	1.6	-.9	8.2	3.4	4.2	-2.2	.1	(X)
1990	-2.8	-8.1	11.8	-4.5	-.7	3.6	2.3	-4.7	-.7	2.3	-5.1	2.7	.3	.7	.9	-2.4	(X)
1991	-7.4	1.9	-4.0	2.8	3.2	.4	-.8	2.7	-2.3	-.9	-2.2	-2.2	-7.5	2.9	1.8	-3.7	(X)
1992	1.2	5.0	9.4	-6.5	-3.5	7.2	-2.3	2.9	3.8	-13.3	18.6	2.6	5.5	.7	4.3	1.8	(X)
1993	2.1	-5.7	1.7	-.8	1.8	-5.2	2.8	-3.4	2.3	-	7.0	.2	8.0	-2.2	-1.7	5.1	(X)
1994	-1.1	-.8	2.1	2.2	3.2	-8.0	9.4	1.6	3.9	-1.4	-	-3.8	1.4	2.8	7.1	.4	(X)
1995	10.4	-1.4	-.7	1.5	-3.1	3.9	-.5	2.8	-3.8	10.4	-9.1	1.0	6.4	-.3	1.8	2.3	(X)
1996	-1.0	5.4	-1.5	.3	1.0	-1.9	-.2	3.0	-1.4	3.7	2.2	-.4	-.5	1.1	.4	5.1	(X)
1997	.6	1.2	2.3	1.2	1.6	2.6	.9	-1.9	4.3	-5.7	.8	-	2.6	5.2	3.3	-3.3	(X)
COMPUTER AND OFFICE EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 702	4 410	5 581	3 974	4 421	6 276	4 097	4 496	8 633	4 634	5 096	7 307	13 693	14 871	15 226	17 037	60 627
1988	3 931	4 878	8 601	4 561	5 123	7 409	4 503	5 252	7 435	5 004	5 441	7 918	15 410	17 093	17 190	18 363	68 058
1989	4 039	4 550	6 671	4 467	4 925	7 548	4 211	5 001	7 271	4 618	5 198	7 750	15 260	18 940	18 483	17 586	66 249
1990	4 084	4 792	6 868	4 378	4 766	7 207	4 001	4 799	7 068	5 088	5 043	7 415	15 544	16 351	15 868	17 546	65 309
1991	3 830	4 340	8 048	4 062	4 362	6 583	3 784	4 418	8 113	4 777	5 151	8 935	14 218	15 007	14 315	18 863	80 403
1992	4 128	4 620	6 673	4 509	4 864	7 792	4 344	4 938	8 992	4 645	5 542	7 668	15 419	17 165	18 272	17 853	88 709
1993	4 184	4 847	7 257	4 356	4 689	7 290	4 513	5 204	7 392	5 112	5 940	8 485	16 288	16 335	17 109	19 517	69 249
1994	4 581	5 460	7 910	5 077	5 458	8 534	4 956	5 759	8 341	5 938	6 877	9 341	17 951	19 069	19 056	22 154	78 230
1995	5 030	8 127	9 289	5 732	6 683	10 023	5 589	8 768	10 026	7 139	8 030	10 927	20 428	22 438	22 383	28 096	91 343
1996	5 871	7 938	11 196	6 482	7 302	11 108	8 282	7 922	11 392	7 521	8 280	12 178	24 805	24 892	25 596	27 977	103 270
1997	8 708	7 650	11 887	6 815	7 797	12 838	7 327	8 447	12 320	8 189	8 427	13 131	28 245	27 248	28 094	29 747	111 334
Seasonally Adjusted—Millions of Dollars																	
1987	5 063	4 980	4 735	4 935	4 951	4 938	5 233	5 022	5 158	5 254	5 187	5 212	14 778	14 822	15 413	15 853	(X)
1988	5 369	5 546	5 586	5 671	5 766	5 722	5 811	5 842	5 723	5 729	5 642	5 650	18 501	17 159	17 376	17 021	(X)
1989	5 494	5 235	5 593	5 559	5 568	5 718	5 512	5 575	5 585	5 317	5 428	5 537	16 322	18 845	18 672	18 282	(X)
1990	5 525	5 582	5 540	5 435	5 419	5 394	5 285	5 375	5 464	5 883	5 232	5 305	16 827	18 248	18 124	18 420	(X)
1991	5 155	5 060	4 976	5 038	5 001	4 914	4 964	4 973	4 789	5 547	5 273	4 974	15 191	14 953	14 728	15 794	(X)
1992	5 538	5 368	5 423	5 610	5 635	5 827	5 648	5 573	5 540	5 404	5 601	5 540	16 329	17 072	16 781	18 545	(X)
1993	5 612	5 595	5 791	5 463	5 470	5 493	5 857	5 882	5 680	5 913	5 970	8 185	16 998	18 426	17 619	18 046	(X)
1994	8 159	8 271	8 213	6 423	6 365	6 451	6 517	8 512	8 597	8 813	8 940	6 854	18 643	19 239	19 628	20 807	(X)
1995	6 775	7 046	7 164	7 351	7 768	7 573	7 426	7 629	7 850	8 172	8 234	8 059	20 985	22 890	22 905	24 465	(X)
1996	7 654	9 180	8 528	8 410	8 490	8 344	8 354	8 873	8 831	8 871	8 687	9 024	25 342	25 244	28 058	28 382	(X)
1997	9 052	8 840	6 950	8 909	9 096	9 420	9 640	9 440	9 528	9 511	9 029	9 757	26 842	27 425	28 606	28 297	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	2.6	-1.8	-4.9	4.2	.3	-.3	6.0	-4.0	2.7	1.9	-1.3	.5	3.7	.3	4.0	1.6	(X)
1988	3.0	3.3	.7	1.5	1.7	-.8	1.6	.5	-2.0	.1	-1.5	.1	5.4	4.0	1.3	-2.0	(X)
1989	-2.8	-4.7	6.8	-.8	.2	2.7	-3.6	1.1	.2	-4.8	2.1	2.0	-4.1	3.2	-1.0	-2.3	(X)
1990	-.2	.7	-.4	-1.9	-.3	-.5	-2.0	1.7	1.7	7.7	-11.1	1.4	2.1	-2.3	-.8	1.8	(X)
1991	-2.8	-1.8	-1.7	1.2	-.7	-1.7	1.0	.2	-3.7	15.8	-4.9	-5.7	-7.5	-1.6	-1.5	7.3	(X)
1992	11.3	-3.1	1.0	3.4	.4	3.4	-3.1	-1.3	-.8	-2.5	3.8	-1.1	3.4	4.6	-1.8	-1.3	(X)
1993	1.3	-.3	3.5	-5.7	.1	.4	8.6	.4	-	.8	1.0	3.3	2.7	-3.4	7.3	2.4	(X)
1994	-.1	1.8	-.9	3.4	-.9	1.4	1.0	-.1	1.3	3.3	1.9	-1.2	3.3	3.2	2.0	5.0	(X)
1995	-1.2	4.0	1.7	2.6	5.6	-2.5	-1.9	2.7	2.9	4.1	.8	-2.1	1.8	8.1	.9	6.8	(X)
1996	-5.0	19.7	-6.9	-1.4	1.0	-1.7	.1	6.2	-.5	-1.8	.2	3.9	3.6	-.4	3.2	1.2	(X)
1997	.3	-2.3	1.2	-.5	2.1	3.8	2.3	-2.1	.9	-.2	-5.1	8.1	1.7	2.2	4.3	-1.1	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	12 177	13 894	14 661	13 516	13 457	15 370	12 990	14 149	15 948	14 884	15 133	15 108	40 732	42 343	43 087	45 125	171 287
1988	13 399	15 110	16 122	14 633	15 033	16 835	13 983	15 779	17 724	16 118	16 265	16 302	44 631	48 501	47 486	48 683	187 301
1989	14 793	16 046	17 117	15 957	15 993	17 261	14 218	16 356	17 685	16 244	16 475	18 453	47 958	49 211	48 259	49 172	194 598
1990	14 401	16 468	17 228	15 535	16 285	17 571	14 624	16 271	17 748	16 690	16 668	16 409	48 097	49 391	48 643	49 787	195 898
1991	14 291	15 942	16 827	15 653	16 381	17 786	14 781	16 550	18 497	17 065	17 798	17 707	47 060	49 820	49 828	52 570	199 278
1992	15 154	17 024	18 364	17 026	17 425	18 935	18 618	17 644	20 388	19 167	19 048	19 971	50 542	53 386	54 650	58 186	218 764
1993	15 895	18 519	19 969	18 090	18 615	21 087	17 225	19 392	22 004	20 196	20 974	21 656	54 383	57 792	58 621	62 826	233 622
1994	18 270	20 666	22 278	20 743	21 294	23 914	19 722	22 340	24 805	23 154	24 310	24 909	61 214	65 951	66 867	72 373	266 405
1995	20 795	23 007	25 458	22 609	23 895	27 373	21 757	25 594	28 990	26 206	27 129	28 634	69 260	73 877	78 341	81 969	301 447
1996	22 427	25 286	27 932	24 788	25 733	29 070	22 953	25 752	29 839	27 400	29 102	30 334	75 645	79 591	78 544	86 836	320 618
1997	23 048	27 331	31 270	26 477	27 598	32 148	25 162	29 146	34 583	30 031	30 891	33 869	81 649	88 223	88 891	94 791	351 554
Seasonally Adjusted—Millions of Dollars																	
1987	13 687	13 909	13 937	13 968	13 853	14 321	14 481	14 344	14 558	14 537	14 804	14 831	41 533	42 142	43 383	44 172	(X)
1988	15 044	15 147	15 322	15 126	15 441	15 697	15 630	15 918	16 107	15 790	15 826	15 953	45 513	46 264	47 655	47 569	(X)
1989	16 582	16 152	16 277	16 564	16 372	18 099	15 942	16 450	16 072	15 966	16 030	16 104	49 011	49 035	48 464	48 100	(X)
1990	16 183	16 607	16 370	16 136	16 621	16 415	16 418	16 404	16 134	16 456	18 143	15 924	49 160	49 172	48 956	48 523	(X)
1991	16 146	16 100	16 015	16 279	16 710	16 633	16 567	16 744	16 815	16 772	17 176	17 007	48 261	49 622	50 128	50 955	(X)
1992	17 232	17 244	17 473	17 755	17 811	17 687	18 676	17 919	18 532	18 867	18 404	18 928	51 949	53 253	55 127	56 199	(X)
1993	18 196	18 831	18 988	18 933	19 053	19 609	19 411	19 701	19 924	19 835	20 243	20 234	58 015	57 595	59 038	60 312	(X)
1994	20 995	21 155	21 141	21 862	21 834	22 110	22 395	22 666	22 406	22 809	23 437	23 149	63 291	65 806	67 467	69 395	(X)
1995	23 992	23 613	24 114	24 029	24 561	25 190	24 864	25 964	26 035	25 842	26 183	28 249	71 719	73 780	76 863	78 274	(X)
1996	26 038	25 996	26 375	26 424	26 456	26 583	26 474	26 228	26 715	27 209	28 185	27 370	78 409	79 463	79 417	82 764	(X)
1997	27 031	28 076	29 456	28 345	28 464	29 329	29 104	29 738	30 809	29 855	29 842	30 495	84 563	86 138	89 649	90 192	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.8	1.6	.2	.2	–.8	3.4	1.1	–.9	1.5	–.1	1.8	.2	–.6	1.5	2.9	1.8	(X)
1988	1.4	.7	1.2	–1.3	2.1	1.7	–.4	1.8	1.2	–2.0	.2	.8	3.0	1.7	3.0	–.2	(X)
1989	3.9	–2.6	.8	1.8	–1.2	–1.7	–1.0	3.2	–2.3	–.7	.4	.5	3.0	–	–1.2	–.8	(X)
1990	.5	2.6	–1.4	–1.4	3.0	–1.2	–	–.1	–1.6	2.0	–1.9	–1.4	2.2	–	–.4	–.9	(X)
1991	1.4	–.3	–.5	1.6	2.6	–.5	–.4	1.1	.4	–.3	2.4	–1.0	–.5	2.8	1.0	1.7	(X)
1992	1.3	.1	1.3	1.6	.3	–.7	5.6	–4.1	3.4	1.8	–2.5	2.8	2.0	2.5	3.5	1.9	(X)
1993	–3.9	3.5	.8	–.3	.6	2.9	–1.0	1.5	1.1	–.4	2.1	–	–.3	2.8	2.5	2.2	(X)
1994	3.8	.8	–.1	3.4	–.1	1.3	1.3	1.2	–1.1	1.8	2.8	–1.2	4.9	4.0	2.5	2.9	(X)
1995	3.6	–1.6	2.1	–.4	2.2	2.6	–1.3	4.4	.3	–.7	1.3	.3	3.3	2.9	4.2	1.8	(X)
1996	–.8	–.2	1.5	.2	.1	.5	–.4	–.9	1.9	1.8	3.6	–2.9	.2	1.3	–.1	4.2	(X)
1997	–1.2	3.9	4.9	–3.8	.4	3.0	–.8	2.2	3.6	–3.1	–	2.2	2.2	1.9	4.1	.6	(X)
ELECTRICAL TRANSMISSION AND DISTRIBUTION EQUIPMENT AND INDUSTRIAL APPARATUS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 620	1 975	2 112	1 896	1 900	2 126	1 764	1 827	2 246	1 992	1 994	2 011	5 707	5 922	5 837	5 997	23 463
1988	1 807	2 103	2 248	2 054	2 091	2 300	1 892	2 125	2 479	2 260	2 259	2 226	6 158	6 445	6 496	6 745	25 844
1989	2 106	2 413	2 504	2 345	2 308	2 455	1 972	2 215	2 487	2 180	2 167	2 246	7 023	7 108	6 674	6 593	27 398
1990	2 063	2 422	2 558	2 239	2 341	2 625	2 047	2 238	2 581	2 288	2 193	2 062	7 043	7 205	6 866	6 543	27 657
1991	1 966	2 237	2 418	2 214	2 210	2 504	1 928	2 152	2 511	2 158	2 154	2 284	6 621	6 928	6 591	6 596	26 736
1992	1 999	2 323	2 560	2 350	2 413	2 615	2 225	2 364	2 776	2 480	2 407	2 551	6 882	7 378	7 365	7 438	29 063
1993	2 197	2 626	2 772	2 630	2 595	2 837	2 315	2 591	2 948	2 601	2 647	2 669	7 595	8 062	7 854	7 917	31 428
1994	2 413	2 883	3 015	2 749	2 775	3 088	2 501	2 786	3 102	2 743	2 770	2 864	8 311	8 612	8 389	8 377	33 689
1995	2 662	3 184	3 476	3 003	3 072	3 569	2 810	3 278	3 663	3 013	3 089	3 213	9 322	9 644	9 751	9 315	38 032
1996	2 779	3 194	3 414	3 247	3 174	3 708	2 935	3 256	3 762	3 251	3 441	3 096	9 387	10 129	9 953	9 788	39 257
1997	2 918	3 394	3 555	3 444	3 305	3 812	3 132	3 323	4 146	3 471	3 383	3 461	9 867	10 561	10 601	10 315	41 344
Seasonally Adjusted—Millions of Dollars																	
1987	1 837	1 945	1 919	1 923	1 920	1 965	2 002	1 884	2 019	1 994	2 034	2 026	5 701	5 808	5 905	6 054	(X)
1988	2 035	2 055	2 057	2 077	2 108	2 125	2 146	2 188	2 223	2 272	2 315	2 252	8 147	6 310	6 557	6 839	(X)
1989	2 364	2 351	2 299	2 364	2 317	2 273	2 234	2 278	2 223	2 204	2 231	2 273	7 014	6 954	6 735	6 708	(X)
1990	2 324	2 362	2 349	2 252	2 341	2 429	2 315	2 296	2 306	2 325	2 266	2 084	7 035	7 022	6 917	6 675	(X)
1991	2 221	2 186	2 220	2 220	2 205	2 312	2 171	2 203	2 239	2 201	2 234	2 303	6 627	6 737	6 613	6 738	(X)
1992	2 274	2 272	2 344	2 351	2 411	2 399	2 499	2 419	2 486	2 541	2 501	2 570	6 890	7 161	7 404	7 612	(X)
1993	2 507	2 555	2 534	2 632	2 603	2 587	2 599	2 652	2 653	2 678	2 745	2 692	7 596	7 822	7 904	8 115	(X)
1994	2 757	2 793	2 757	2 759	2 801	2 790	2 812	2 850	2 784	2 832	2 867	2 885	8 307	8 350	8 446	8 584	(X)
1995	3 036	3 088	3 187	3 022	3 115	3 202	3 160	3 356	3 280	3 101	3 191	3 245	9 311	9 339	9 796	9 537	(X)
1996	3 175	3 113	3 139	3 263	3 226	3 315	3 301	3 330	3 374	3 332	3 550	3 124	9 427	9 804	10 005	10 006	(X)
1997	3 332	3 312	3 271	3 466	3 356	3 416	3 513	3 400	3 737	3 544	3 486	3 492	9 915	10 238	10 650	10 522	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–9.4	5.9	–1.3	.2	–.2	2.3	1.9	–5.9	7.2	–1.2	2.0	–.4	–2.6	1.9	1.7	2.5	(X)
1988	.4	1.0	.1	1.0	1.5	.8	1.0	2.0	1.6	2.2	1.9	–2.7	1.5	2.7	3.9	4.3	(X)
1989	5.0	–.5	–2.2	2.8	–2.0	–1.9	–1.7	2.0	–2.4	–.9	1.2	1.9	2.6	–.9	–3.1	–.4	(X)
1990	2.2	1.6	–.6	–4.1	4.0	3.8	–4.7	–.8	.4	.8	–2.5	–8.0	4.9	–.2	–1.5	–3.5	(X)
1991	6.8	–1.6	1.6	–	–.7	4.9	–6.1	1.5	1.6	–1.7	1.5	3.1	–.7	1.7	–1.8	1.9	(X)
1992	–1.3	–.1	3.2	.3	2.6	–.5	4.2	–3.2	2.8	2.2	–1.6	2.8	2.3	3.9	3.4	2.8	(X)
1993	–2.5	1.9	–.8	3.9	–1.1	–.6	.5	2.0	–	.9	2.5	–1.9	–.2	3.0	1.0	2.7	(X)
1994	2.4	1.3	–1.3	.1	1.5	–.4	.8	1.4	–2.3	1.7	1.2	.6	2.4	.5	1.1	1.6	(X)
1995	5.2	1.7	3.2	–5.2	3.1	2.8	–1.3	6.2	–2.3	–5.5	2.9	1.7	8.5	.3	4.9	–2.6	(X)
1996	–2.2	–2.0	.8	4.0	–1.1	2.8	–.4	.9	1.3	–1.2	6.5	–12.0	–1.2	4.0	2.1	–	(X)
1997	8.7	–.6	–1.2	6.0	–3.2	1.8	2.8	–3.2	9.9	–5.2	–1.6	.2	–.9	3.3	4.0	–1.2	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
HOUSEHOLD APPLIANCES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 253	1 372	1 390	1 381	1 345	1 600	1 350	1 407	1 467	1 434	1 285	1 214	4 015	4 326	4 224	3 933	16 496
1988	1 281	1 316	1 503	1 400	1 449	1 636	1 419	1 536	1 664	1 421	1 301	1 277	4 100	4 485	4 619	3 999	17 203
1989	1 344	1 483	1 637	1 560	1 559	1 662	1 433	1 533	1 561	1 576	1 434	1 448	4 464	4 781	4 527	4 458	18 230
1990	1 366	1 523	1 668	1 525	1 521	1 686	1 426	1 415	1 462	1 417	1 340	1 330	4 557	4 732	4 305	4 087	17 681
1991	1 256	1 313	1 436	1 457	1 486	1 639	1 347	1 447	1 500	1 476	1 456	1 362	4 005	4 562	4 294	4 294	17 175
1992	1 195	1 393	1 600	1 568	1 580	1 716	1 510	1 570	1 673	1 616	1 604	1 606	4 188	4 664	4 753	4 828	18 633
1993	1 340	1 603	1 614	1 646	1 687	1 914	1 712	1 760	1 661	1 748	1 739	1 589	4 757	5 249	5 353	5 076	20 435
1994	1 470	1 798	2 039	1 985	1 965	2 226	1 834	2 006	2 027	1 862	1 626	1 791	5 307	6 176	5 867	5 479	22 829
1995	1 592	1 748	1 946	1 755	1 819	2 030	1 676	1 952	1 997	1 846	1 796	1 617	5 286	5 604	5 625	5 261	21 776
1996	1 534	1 684	2 045	1 846	1 938	2 128	1 714	1 906	1 920	1 863	1 809	1 768	5 263	5 912	5 542	5 440	22 157
1997	1 510	1 809	2 111	1 884	1 660	2 268	1 749	1 948	2 188	2 088	1 975	2 052	5 430	8 012	5 885	6 115	23 442
Seasonally Adjusted—Millions of Dollars																	
1987	1 377	1 421	1 347	1 380	1 326	1 406	1 373	1 363	1 361	1 391	1 396	1 366	4 145	4 114	4 097	4 153	(X)
1988	1 416	1 362	1 424	1 395	1 425	1 440	1 451	1 495	1 569	1 382	1 411	1 419	4 202	4 260	4 515	4 212	(X)
1989	1 496	1 536	1 529	1 546	1 531	1 466	1 472	1 500	1 493	1 542	1 529	1 560	4 561	4 543	4 465	4 651	(X)
1990	1 549	1 579	1 548	1 507	1 493	1 489	1 474	1 392	1 404	1 394	1 398	1 427	4 674	4 489	4 270	4 219	(X)
1991	1 462	1 365	1 331	1 439	1 456	1 450	1 393	1 427	1 436	1 461	1 488	1 443	4 156	4 345	4 256	4 392	(X)
1992	1 431	1 450	1 481	1 552	1 548	1 516	1 569	1 543	1 569	1 607	1 630	1 692	4 362	4 616	4 701	4 929	(X)
1993	1 626	1 675	1 676	1 634	1 653	1 689	1 790	1 737	1 753	1 747	1 771	1 669	4 979	4 976	5 280	5 167	(X)
1994	1 785	1 882	1 883	1 971	1 931	1 960	1 937	1 945	1 904	1 860	1 670	1 881	5 550	5 862	5 786	5 611	(X)
1995	1 918	1 829	1 787	1 748	1 794	1 783	1 790	1 690	1 866	1 838	1 844	1 695	5 534	5 325	5 548	5 377	(X)
1996	1 855	1 763	1 866	1 845	1 918	1 861	1 850	1 650	1 793	1 843	1 854	1 848	5 484	5 624	5 493	5 545	(X)
1997	1 842	1 694	1 916	1 888	1 846	1 977	1 899	1 898	2 030	2 053	2 025	2 137	5 652	5 711	5 827	6 215	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	6.4	3.2	–5.2	2.4	–3.8	5.9	–2.3	–.7	–.1	2.2	.4	–2.1	–1.7	–.7	–.4	1.4	(X)
1988	3.7	–3.8	4.6	–2.0	2.2	1.1	.8	3.0	4.9	–11.9	2.1	.6	1.2	1.4	6.0	–6.7	(X)
1989	5.4	2.7	–.5	1.1	–1.0	–4.2	.4	1.9	–.5	3.3	–.8	3.3	8.3	–.4	–1.7	4.2	(X)
1990	–2.0	1.9	–2.1	–2.5	–.9	–.3	–1.0	–5.6	.9	–.7	.3	2.1	.5	–4.0	–4.9	–1.2	(X)
1991	2.5	–6.6	–2.5	6.1	1.2	–.4	–3.9	2.4	.6	1.7	1.6	–3.0	–1.4	4.5	–2.0	3.2	(X)
1992	–.8	1.3	2.1	4.8	–.3	–2.1	3.5	–1.7	3.0	1.1	1.4	3.6	–.7	5.6	1.8	4.9	(X)
1993	–3.9	3.0	.2	–2.6	1.2	2.2	6.0	–3.0	.9	–.3	1.4	–5.8	1.0	–.1	6.1	–1.8	(X)
1994	7.0	5.4	.1	4.7	–2.0	1.5	–1.2	.4	–2.1	–2.3	.5	.6	7.0	5.8	–1.3	–3.0	(X)
1995	2.0	–4.6	–2.3	–2.2	2.6	–.6	.4	5.6	–1.2	–1.6	.3	–8.1	–1.4	–3.6	4.2	–3.1	(X)
1996	9.4	–5.0	5.8	–1.1	4.0	–3.0	–.6	–	–3.1	2.8	.6	–.3	2.0	2.6	–2.3	.9	(X)
1997	–.3	2.8	1.2	–1.5	–2.2	7.1	–3.9	–.1	7.0	1.1	–1.4	5.5	1.9	1.0	2.0	6.7	(X)
ELECTRIC LIGHTING AND WIRING EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 266	1 474	1 468	1 407	1 380	1 582	1 322	1 470	1 687	1 674	1 709	1 565	4 206	4 369	4 479	4 948	16 004
1988	1 430	1 589	1 657	1 485	1 547	1 736	1 448	1 593	1 716	1 688	1 706	1 665	4 676	4 770	4 757	5 059	19 262
1989	1 601	1 663	1 641	1 502	1 590	1 731	1 390	1 689	1 738	1 581	1 748	1 763	4 905	4 823	4 817	5 092	19 637
1990	1 343	1 710	1 762	1 510	1 611	1 720	1 399	1 678	1 763	1 590	1 647	1 668	4 815	4 841	4 840	4 905	19 401
1991	1 359	1 557	1 540	1 460	1 489	1 525	1 300	1 503	1 647	1 560	1 660	1 635	4 456	4 474	4 450	4 855	16 235
1992	1 357	1 605	1 719	1 576	1 636	1 793	1 408	1 609	1 815	1 694	1 815	1 817	4 681	5 005	4 832	5 326	19 844
1993	1 500	1 769	1 901	1 625	1 715	1 869	1 434	1 653	1 806	1 740	1 841	1 765	5 170	5 209	4 893	5 346	20 616
1994	1 565	1 648	1 904	1 768	1 833	1 972	1 569	1 908	2 092	1 956	2 046	2 011	5 317	5 573	5 589	6 013	22 492
1995	1 764	2 055	2 124	1 863	1 905	1 990	1 591	1 934	2 119	1 945	2 042	2 023	5 943	5 756	5 644	6 010	23 355
1996	1 766	2 059	2 169	1 915	2 016	2 143	1 713	2 069	2 262	2 040	2 227	2 183	5 994	6 074	6 044	6 450	24 562
1997	1 872	2 211	2 256	2 111	2 162	2 207	1 847	2 154	2 502	2 197	2 326	2 372	6 341	6 480	8 503	6 897	26 221
Seasonally Adjusted—Millions of Dollars																	
1987	1 430	1 459	1 451	1 501	1 452	1 485	1 494	1 503	1 550	1 556	1 596	1 523	4 340	4 438	4 547	4 875	(X)
1988	1 610	1 568	1 628	1 580	1 808	1 630	1 647	1 626	1 580	1 612	1 595	1 803	4 604	4 616	4 853	4 610	(X)
1989	1 801	1 635	1 597	1 595	1 629	1 626	1 594	1 721	1 604	1 548	1 639	1 877	5 033	4 650	4 919	4 864	(X)
1990	1 517	1 676	1 696	1 596	1 634	1 619	1 620	1 708	1 632	1 578	1 547	1 573	4 891	4 851	4 958	4 698	(X)
1991	1 547	1 523	1 470	1 542	1 502	1 436	1 518	1 522	1 527	1 551	1 563	1 550	4 540	4 460	4 567	4 664	(X)
1992	1 554	1 564	1 625	1 660	1 646	1 692	1 657	1 830	1 662	1 681	1 711	1 740	4 743	5 000	4 969	5 132	(X)
1993	1 709	1 720	1 783	1 707	1 727	1 767	1 701	1 673	1 672	1 725	1 739	1 710	5 212	5 201	5 046	5 174	(X)
1994	1 766	1 790	1 776	1 847	1 647	1 670	1 899	1 931	1 933	1 949	1 935	1 954	5 334	5 564	5 763	5 836	(X)
1995	1 980	1 965	1 975	1 940	1 920	1 896	1 907	1 956	1 946	1 949	1 935	1 959	5 940	5 756	5 813	5 843	(X)
1996	1 961	1 966	2 016	1 991	2 030	2 055	2 051	2 093	2 067	2 057	2 114	2 098	5 983	6 076	6 211	6 269	(X)
1997	2 109	2 137	2 101	2 194	2 175	2 126	2 205	2 177	2 276	2 216	2 211	2 267	6 347	6 495	6 658	6 696	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–6.4	2.0	–.5	3.4	–3.3	2.3	.8	.6	3.1	.4	2.6	–4.6	–2.0	2.3	2.5	2.8	(X)
1988	5.7	–2.7	4.0	–2.9	1.6	1.4	1.0	–1.3	–2.6	2.0	–1.1	.5	2.8	.3	.7	–.9	(X)
1989	12.4	–9.2	–2.3	–.1	2.1	–.2	–2.0	6.0	–6.6	–3.5	5.9	2.3	4.6	–3.8	1.4	–1.1	(X)
1990	–9.5	10.5	1.3	–5.9	2.3	–.9	.1	5.3	–4.3	–3.3	–2.0	1.7	.6	–.6	2.2	–5.2	(X)
1991	–1.7	–1.6	–3.5	4.9	–2.8	–4.4	5.7	.3	.3	1.6	.8	–.8	–3.4	–1.3	1.9	2.1	(X)
1992	.3	.6	3.9	2.2	–.7	2.7	–2.1	–1.6	3.2	–.1	1.8	1.7	1.7	5.4	–.6	3.3	(X)
1993	–1.8	.6	3.7	–4.3	1.2	2.3	–3.7	–1.6	–.1	3.2	.8	–1.7	1.6	–.2	–3.0	2.5	(X)
1994	3.4	1.2	–.6	4.0	–	1.2	1.6	1.7	.1	.8	–.7	1.0	3.1	4.3	3.6	1.3	(X)
1995	1.3	.3	–.5	–1.8	–1.0	–1.2	.6	2.7	–.5	.1	–.7	1.2	1.7	–3.1	1.0	.5	(X)
1996	1.1	.3	1.5	–1.2	2.0	1.2	–.2	2.0	–1.2	–.5	2.6	–.8	2.4	1.6	2.2	.9	(X)
1997	.5	1.3	–1.7	4.4	–.9	–2.3	3.7	–1.3	4.5	–2.5	–.3	2.5	1.2	2.3	2.5	.6	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
HOUSEHOLD AUDIO AND VIDEO EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	736	679	583	560	637	731	461	610	799	728	729	580	1 998	1 928	1 870	2 037	7 833
1988	541	572	619	493	650	672	558	771	989	874	893	705	1 732	1 815	2 318	2 472	8 337
1989	618	651	732	602	610	857	596	862	983	966	891	742	2 001	2 069	2 441	2 599	9 110
1990	621	712	754	534	607	846	618	772	1 044	1 011	995	787	2 087	1 987	2 432	2 793	9 299
1991	661	665	740	624	639	738	654	885	1 143	1 106	1 087	774	2 066	2 001	2 682	2 967	9 718
1992	688	811	867	741	723	802	797	971	1 065	1 138	1 142	869	2 366	2 266	2 833	3 149	10 614
1993	735	804	882	715	711	859	839	1 010	1 196	1 300	1 195	880	2 421	2 285	3 045	3 375	11 128
1994	793	888	889	803	854	891	930	1 172	1 277	1 485	1 399	1 063	2 570	2 548	3 379	3 947	12 444
1995	940	1 072	1 098	933	987	1 032	1 076	1 225	1 450	1 642	1 550	1 015	3 110	2 952	3 751	4 207	14 020
1996	759	862	936	845	798	840	808	1 008	1 157	1 243	1 118	892	2 557	2 483	2 973	3 253	11 266
1997	743	873	926	781	851	967	856	1 041	1 254	1 322	1 331	1 085	2 542	2 599	3 151	3 738	12 030
Seasonally Adjusted—Millions of Dollars																	
1987	811	720	580	682	775	682	560	597	620	603	625	595	2 111	2 139	1 777	1 823	(X)
1988	612	615	623	612	800	637	696	735	750	712	746	726	1 850	2 049	2 181	2 184	(X)
1989	719	706	743	754	757	827	753	809	742	769	729	766	2 168	2 338	2 304	2 264	(X)
1990	742	777	769	669	755	851	763	723	790	788	797	817	2 288	2 275	2 276	2 402	(X)
1991	799	730	760	778	796	772	785	826	878	846	857	806	2 289	2 346	2 487	2 509	(X)
1992	839	895	899	921	898	873	918	897	838	858	892	907	2 833	2 692	2 653	2 657	(X)
1993	895	889	922	889	879	952	944	931	959	958	938	919	2 706	2 720	2 834	2 815	(X)
1994	969	984	935	1 002	1 037	1 001	1 036	1 079	1 036	1 079	1 108	1 110	2 888	3 040	3 151	3 297	(X)
1995	1 155	1 187	1 157	1 165	1 179	1 157	1 205	1 140	1 167	1 187	1 232	1 057	3 499	3 501	3 512	3 476	(X)
1996	947	956	986	1 053	940	930	915	940	926	911	888	925	2 889	2 923	2 781	2 724	(X)
1997	941	967	970	966	998	1 051	978	980	1 001	985	1 048	1 117	2 878	3 015	2 959	3 150	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–4.6	–11.2	–19.4	17.6	13.6	–12.0	–17.9	6.6	3.9	–2.7	3.6	–4.8	–21.2	1.3	–16.9	2.6	(X)
1988	2.9	.5	1.3	–1.8	30.7	–20.4	9.3	5.6	2.0	–5.1	4.8	–2.7	1.5	10.8	8.4	.1	(X)
1989	–1.0	–1.8	5.2	1.5	.4	9.2	–8.9	7.4	–8.3	3.6	–5.2	5.1	–.7	7.8	–1.5	–1.7	(X)
1990	–3.1	4.7	–1.0	–13.0	12.9	12.7	–10.3	–5.2	9.3	–.3	1.1	2.5	1.1	–.6	–	5.5	(X)
1991	–2.2	–8.6	4.1	2.4	2.3	–3.0	1.7	5.2	6.1	–3.4	1.3	–6.0	–4.7	2.5	8.0	.9	(X)
1992	4.1	6.7	.4	2.4	–2.5	–2.8	5.2	–2.3	–6.6	2.4	4.0	1.7	4.9	2.2	–1.4	.2	(X)
1993	–1.3	–.7	3.7	–3.6	–1.1	8.3	–.8	–1.4	3.0	–.1	–2.1	–2.0	1.8	.5	4.2	–.7	(X)
1994	5.4	1.5	–5.0	7.2	3.5	–3.5	3.5	4.2	–4.0	4.2	2.7	.2	2.6	5.3	3.7	4.6	(X)
1995	4.1	2.8	–2.5	.7	1.2	–1.9	4.1	–5.4	2.4	1.7	3.8	–14.2	6.1	.1	.3	–1.0	(X)
1996	–10.4	1.0	3.1	8.8	–10.7	–1.1	–1.8	2.7	–1.5	–1.6	–2.5	4.2	–16.9	1.2	–4.9	–2.0	(X)
1997	1.7	2.8	.3	–.4	3.3	5.3	–6.9	.2	2.1	–1.6	6.4	6.6	5.7	4.8	–1.9	6.5	(X)
COMMUNICATION EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	2 221	2 658	3 144	2 623	2 607	3 091	2 486	2 750	3 174	2 717	2 962	3 568	8 023	8 321	8 410	9 247	34 001
1988	2 394	2 938	3 403	2 775	2 836	3 478	2 546	2 983	3 352	2 734	2 952	3 736	8 735	9 089	8 881	9 422	36 127
1989	2 489	2 722	3 256	2 963	2 990	3 368	2 411	2 876	3 258	2 679	2 980	3 532	8 467	9 321	8 545	9 191	35 524
1990	2 611	3 316	3 338	3 158	3 133	3 450	2 809	3 139	3 510	3 146	3 120	3 825	9 265	9 741	9 458	10 091	38 555
1991	2 730	3 054	3 313	2 886	3 160	3 430	2 670	2 994	3 580	2 948	3 291	4 029	9 097	9 476	9 244	10 266	38 083
1992	2 795	3 221	3 668	3 096	3 280	3 809	3 367	3 344	4 360	3 556	3 606	4 853	9 684	10 185	11 071	12 015	42 955
1993	2 864	3 337	3 923	3 301	3 562	4 223	3 208	3 606	4 220	3 671	4 003	5 621	10 124	11 086	11 034	13 295	45 539
1994	3 296	3 831	4 496	4 080	4 034	4 910	3 737	4 120	5 086	4 308	4 828	6 118	11 623	13 024	12 943	15 254	52 844
1995	3 785	4 181	5 000	4 311	4 409	5 723	3 972	4 381	5 491	4 805	5 064	7 377	12 966	14 443	13 844	17 246	58 499
1996	3 975	4 767	5 979	4 742	5 020	6 701	4 828	5 041	6 577	5 557	6 396	8 649	14 721	16 463	16 446	20 602	68 232
1997	4 167	5 499	6 962	5 342	5 890	7 489	5 638	6 398	7 576	6 380	6 461	9 566	16 628	18 721	19 612	22 407	77 368
Seasonally Adjusted—Millions of Dollars																	
1987	2 705	2 714	2 880	2 734	2 689	2 849	2 895	2 850	2 905	2 840	2 921	2 934	8 299	8 272	8 650	8 695	(X)
1988	2 919	3 025	3 129	2 895	2 927	3 200	2 976	3 065	3 032	2 907	2 924	3 033	9 073	9 022	9 073	8 864	(X)
1989	3 003	2 823	3 006	3 115	3 084	3 085	2 828	2 951	2 916	2 877	2 966	2 864	8 832	9 284	8 695	8 707	(X)
1990	3 103	3 432	3 092	3 346	3 219	3 137	3 309	3 257	3 135	3 376	3 103	3 102	9 627	9 702	9 701	9 581	(X)
1991	3 229	3 174	3 076	3 073	3 257	3 103	3 152	3 164	3 203	3 153	3 265	3 148	9 479	9 433	9 519	9 566	(X)
1992	3 347	3 376	3 408	3 319	3 397	3 418	3 977	3 592	3 892	3 778	3 595	3 700	10 131	10 134	11 461	11 073	(X)
1993	3 489	3 561	3 632	3 567	3 733	3 766	3 787	3 904	3 752	3 878	3 997	4 160	10 682	11 066	11 443	12 035	(X)
1994	4 089	4 165	4 140	4 455	4 271	4 347	4 412	4 489	4 514	4 541	4 822	4 430	12 394	13 073	13 415	13 793	(X)
1995	4 784	4 602	4 578	4 768	4 716	5 030	4 680	4 779	4 866	5 048	5 059	5 233	13 964	14 514	14 325	15 340	(X)
1996	5 163	5 259	5 449	5 328	5 396	5 843	5 675	5 494	5 824	5 831	6 383	6 075	15 871	16 567	16 993	18 289	(X)
1997	5 560	6 051	6 312	8 089	6 357	6 494	6 606	8 922	6 681	6 690	6 458	6 722	17 923	18 940	20 209	19 870	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–4.1	.3	8.1	–5.1	–1.6	6.0	1.6	–1.6	1.9	–2.2	2.9	.4	–2.6	–.3	4.6	.5	(X)
1988	–.5	3.6	3.4	–7.5	1.1	9.3	–7.0	3.0	–1.1	–4.1	.6	3.7	4.3	–.6	.6	–2.3	(X)
1989	–1.0	–6.0	6.5	3.6	–1.0	–	–8.3	4.3	–1.2	–1.3	3.1	–3.4	–.4	5.1	–6.3	.1	(X)
1990	8.3	10.8	–9.9	8.2	–3.8	–2.5	5.5	–1.6	–3.7	7.7	–8.1	–	10.6	.8	–	–1.2	(X)
1991	4.1	–1.7	–3.1	–.1	6.0	–4.7	1.6	.4	1.2	–1.6	3.6	–3.6	–1.1	–.5	.9	.5	(X)
1992	6.3	.9	.9	–2.6	2.4	.6	16.4	–9.7	8.4	–2.9	–4.8	2.9	5.9	–	13.1	–3.4	(X)
1993	–5.7	2.1	2.0	–1.8	4.7	.9	.6	3.1	–3.9	3.4	3.1	4.1	–3.5	3.6	3.4	5.2	(X)
1994	–1.7	1.9	–.6	7.6	–4.1	1.8	1.5	1.7	.6	.6	6.2	–8.1	3.0	5.5	2.6	2.8	(X)
1995	8.0	–3.8	–.5	4.2	–1.1	6.7	–7.0	2.1	1.8	3.7	.2	3.4	1.2	3.9	–1.3	7.1	(X)
1996	–1.3	1.9	3.6	–2.2	1.3	8.3	–2.9	–3.2	6.0	.1	9.5	–4.8	3.5	4.4	2.6	7.6	(X)
1997	–8.5	8.8	4.3	–3.5	4.4	2.2	1.7	4.8	–3.5	.1	–3.5	4.1	–2.0	5.7	6.7	–1.7	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	ELECTRONIC COMPONENTS—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	3 522	3 930	4 175	3 919	3 930	4 347	4 040	4 368	4 616	4 419	4 548	4 444	11 627	12 196	13 024	13 411	50 258
1988	4 243	4 782	4 853	4 750	4 743	5 112	4 559	4 897	5 280	4 832	4 793	4 734	13 878	14 605	14 736	14 359	57 578
1989	4 757	5 096	5 455	5 210	5 056	5 451	4 682	5 132	5 558	5 152	5 185	4 952	15 308	15 717	15 372	15 289	61 686
1990	4 845	5 227	5 433	5 118	5 264	5 441	4 839	5 311	5 455	5 258	5 354	5 035	15 505	15 823	15 605	15 647	62 580
1991	4 828	5 491	5 635	5 492	5 716	5 870	5 328	5 714	5 983	5 815	5 984	5 691	15 954	17 078	17 025	17 490	67 547
1992	5 504	6 018	6 206	5 957	6 012	6 227	5 718	5 999	6 640	6 494	6 400	6 467	17 728	18 196	18 357	19 381	73 642
1993	5 676	6 641	6 790	6 448	6 585	7 374	6 193	6 844	7 654	6 778	7 103	7 152	19 107	20 407	20 691	21 031	81 236
1994	6 883	7 409	7 935	7 516	7 941	8 610	7 404	8 390	8 963	8 458	8 719	8 903	22 227	24 067	24 757	26 080	97 131
1995	8 252	8 890	9 786	8 814	9 583	10 803	9 121	10 520	11 829	10 482	10 990	11 059	26 928	29 200	31 470	32 531	120 129
1996	9 719	10 433	11 253	10 098	10 412	11 114	9 095	10 211	11 721	10 926	11 476	11 538	31 405	31 624	31 027	33 940	127 996
1997	9 740	11 269	13 323	10 728	11 328	12 962	10 271	12 084	14 176	11 985	12 645	13 239	34 332	35 018	36 531	37 869	143 750
	Seasonally Adjusted—Millions of Dollars																
1987	3 810	3 842	3 952	3 885	3 922	4 119	4 363	4 379	4 355	4 453	4 527	4 652	11 604	11 926	13 097	13 632	(X)
1988	4 594	4 689	4 594	4 728	4 741	4 849	4 917	4 894	4 962	4 870	4 764	4 949	13 877	14 318	14 773	14 583	(X)
1989	5 143	5 018	5 181	5 197	5 057	5 168	5 053	5 113	5 236	5 177	5 148	5 166	15 342	15 422	15 402	15 491	(X)
1990	5 226	5 147	5 174	5 115	5 266	5 184	5 206	5 297	5 163	5 268	5 302	5 217	15 547	15 565	15 666	15 787	(X)
1991	5 200	5 395	5 386	5 514	5 720	5 606	5 725	5 724	5 662	5 818	5 911	5 825	15 981	16 840	17 111	17 554	(X)
1992	5 941	5 924	5 944	6 030	6 029	5 937	6 165	6 025	6 236	6 500	6 298	6 516	17 809	17 996	18 426	19 314	(X)
1993	6 156	6 583	6 510	6 618	6 616	6 960	6 761	8 854	7 092	6 795	6 968	7 111	19 249	20 194	20 707	20 874	(X)
1994	7 504	7 430	7 589	7 815	7 991	8 064	8 196	8 370	8 223	8 507	8 527	8 735	22 523	23 870	24 789	25 769	(X)
1995	9 042	8 978	9 326	9 285	9 667	10 037	10 258	10 487	10 730	10 557	10 735	10 726	27 346	28 989	31 475	32 018	(X)
1996	10 708	10 568	10 694	10 680	10 534	10 299	10 352	10 221	10 557	11 022	11 191	11 077	31 970	31 513	31 130	33 290	(X)
1997	10 786	11 381	12 652	11 400	11 502	11 974	11 788	12 125	12 670	12 087	12 317	12 637	34 819	34 876	36 583	37 041	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	4.3	.8	2.9	–1.7	1.0	5.0	5.9	.4	–.5	2.3	1.7	2.8	8.4	2.8	9.8	4.1	(X)
1988	–1.2	2.1	–2.0	2.9	.3	2.3	1.4	–.5	1.4	–1.9	–2.2	3.9	1.8	3.2	3.2	–1.3	(X)
1989	3.9	–2.4	3.2	.3	–2.7	2.2	–2.2	1.2	2.4	–1.1	–.6	.3	5.2	.5	–.1	.6	(X)
1990	1.2	–1.5	.5	–1.1	3.0	–1.6	.4	1.7	–2.5	2.0	.6	–1.6	.4	.1	.6	.8	(X)
1991	–.3	3.7	–.2	2.4	3.7	–2.0	2.1	–	–1.1	2.8	1.6	–1.5	1.2	5.4	1.6	2.6	(X)
1992	2.0	–.3	.3	1.4	–	–1.5	3.8	–2.3	3.5	4.2	–3.1	3.5	1.5	1.1	2.4	4.8	(X)
1993	–5.5	6.9	–1.1	1.7	–	5.2	–2.9	1.4	3.5	–4.2	2.5	2.1	–.3	4.9	2.5	.8	(X)
1994	5.5	–1.0	2.1	3.0	2.3	.9	1.8	2.1	–1.8	3.5	.2	2.4	7.9	6.0	3.9	4.0	(X)
1995	3.5	–.7	3.9	–.4	4.1	3.8	2.2	2.2	2.3	–1.6	1.7	–.1	6.1	6.0	8.6	1.7	(X)
1996	–.2	–1.3	1.2	–.1	–1.4	–2.2	.5	–1.3	3.3	4.4	1.5	–1.0	–.1	–1.4	–1.2	6.9	(X)
1997	–2.6	5.5	11.2	–9.9	.9	4.1	–1.6	2.9	4.5	–4.8	1.9	2.6	4.6	.2	4.9	1.3	(X)
	TRANSPORTATION EQUIPMENT, TOTAL—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	25 122	30 242	31 579	28 763	28 688	29 494	21 467	23 818	28 713	29 522	28 368	27 360	86 943	86 945	73 798	85 250	332 936
1988	25 359	29 376	31 464	29 690	30 805	31 381	23 015	26 990	30 980	32 769	31 049	31 971	88 199	91 876	80 985	95 789	354 849
1989	29 284	32 434	32 913	32 818	32 104	31 967	21 748	30 269	32 958	30 913	31 251	31 016	94 631	96 889	84 975	93 180	369 675
1990	21 917	31 607	34 449	31 419	33 864	36 604	24 977	31 799	32 642	33 790	29 249	28 011	87 973	101 887	89 418	91 050	370 328
1991	24 138	28 662	28 299	30 986	32 605	33 143	25 192	30 912	34 831	36 001	33 626	28 840	81 099	96 734	90 935	98 467	367 235
1992	26 500	33 557	35 993	34 652	35 054	38 929	25 431	31 579	33 632	35 760	34 733	35 450	96 050	106 635	90 642	105 943	399 270
1993	29 860	36 394	38 477	36 165	36 091	38 650	22 910	31 870	35 124	37 704	35 779	35 670	104 731	110 906	89 904	109 153	414 694
1994	32 988	38 534	40 911	37 977	38 703	41 575	25 379	38 352	39 606	38 761	39 811	38 212	112 433	118 255	103 337	116 784	450 809
1995	35 543	41 790	43 299	39 374	39 507	41 872	25 158	37 265	40 861	40 400	39 151	37 586	120 632	120 753	103 284	117 137	461 806
1996	33 464	40 460	38 317	40 220	42 409	42 175	27 451	39 136	42 890	40 498	40 261	37 892	112 241	124 804	109 477	118 651	465 173
1997	36 552	43 165	43 317	43 600	42 090	44 901	31 610	41 490	44 609	44 797	43 769	42 401	123 034	130 591	117 709	130 967	502 301
	Seasonally Adjusted—Millions of Dollars																
1987	27 163	28 536	29 212	27 751	27 551	27 565	26 986	26 061	27 878	27 926	27 771	27 236	84 911	82 867	80 925	82 933	(X)
1988	27 889	28 095	29 151	28 666	29 410	29 295	29 749	29 082	29 940	30 812	30 410	32 421	85 135	87 371	88 771	93 643	(X)
1989	32 335	31 426	30 468	31 584	30 446	29 632	28 320	31 702	31 760	28 838	30 637	31 238	94 229	91 662	91 782	90 713	(X)
1990	25 269	31 271	31 924	30 413	32 135	33 754	32 528	32 872	31 308	31 282	28 817	27 042	88 464	96 302	96 708	87 141	(X)
1991	28 230	28 566	26 163	30 137	31 175	30 194	32 935	32 054	33 335	33 481	33 230	29 095	82 959	91 506	98 324	95 806	(X)
1992	30 957	33 076	33 104	33 517	33 259	33 420	33 626	32 860	32 123	33 582	34 492	35 685	97 137	100 196	98 609	103 759	(X)
1993	34 237	35 122	35 524	34 862	34 237	35 003	31 541	33 113	33 533	35 675	35 423	36 298	104 883	104 102	98 187	107 396	(X)
1994	37 031	36 503	37 801	36 367	36 533	37 946	36 226	39 240	37 862	36 959	39 299	39 470	111 335	110 846	113 328	115 728	(X)
1995	39 330	39 251	40 078	37 685	37 593	38 461	35 934	37 862	39 007	38 426	38 847	38 793	118 659	113 739	112 803	115 866	(X)
1996	36 997	37 850	35 525	38 430	40 578	39 002	39 028	39 600	40 866	38 581	39 759	38 704	110 372	118 010	119 494	117 044	(X)
1997	40 687	40 442	40 211	41 809	40 515	41 641	43 873	42 022	42 379	42 289	43 285	43 558	121 340	123 965	128 074	129 132	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–7.1	5.1	2.4	–5.0	–.7	.1	–2.1	–3.4	7.0	.2	–.6	–1.9	1.9	–2.4	–2.3	2.5	(X)
1988	2.4	.7	3.8	–1.7	2.6	–.4	1.5	–2.2	3.0	2.9	–1.3	6.6	2.7	2.6	1.6	5.5	(X)
1989	–.3	–2.8	–3.0	3.7	–3.6	–2.7	–4.4	11.9	.2	–9.2	6.2	2.0	.6	–2.7	.1	–1.2	(X)
1990	–19.1	23.8	2.1	–4.7	5.7	5.0	–3.8	1.1	–4.8	–.1	–7.9	–6.2	–2.5	8.9	.4	–9.9	(X)
1991	4.4	1.2	–8.4	15.2	3.4	–3.1	9.1	–2.7	4.0	.4	–.7	–12.4	–4.8	10.3	7.5	–2.6	(X)
1992	6.4	6.8	.1	1.2	–.8	.5	.6	–2.3	–2.2	4.5	2.7	3.5	1.4	3.1	–1.6	5.2	(X)
1993	–4.1	2.6	1.1	–1.9	–1.8	2.2	–9.9	5.0	1.3	6.4	–.7	2.5	1.1	–.7	–5.7	9.4	(X)
1994	2.0	–1.4	3.6	–3.8	.5	3.9	–4.5	8.3	–3.5	–2.4	6.3	.4	3.7	–.4	2.2	2.1	(X)
1995	–.4	–.2	2.1	–6.0	–.2	2.3	–6.6	5.4	3.0	–1.5	.6	.4	2.5	–4.1	–.8	2.7	(X)
1996	–4.6	2.3	–6.1	8.2	5.6	–3.9	.1	1.5	3.2	–5.6	3.1	–2.7	–4.7	6.9	1.3	–2.1	(X)
1997	5.1	–.6	–.6	4.0	–3.1	2.8	4.9	–3.8	.8	–.2	2.4	.6	3.7	2.2	3.3	.8	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
MOTOR VEHICLES AND PARTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	16 698	20 189	19 774	18 423	18 508	17 990	11 771	14 135	17 280	19 039	17 959	14 157	56 681	54 921	43 188	51 155	205 923
1988	16 345	18 876	19 374	19 153	20 037	19 684	13 084	16 580	19 510	21 605	19 994	18 111	54 595	58 874	49 174	59 710	222 353
1989	20 475	22 014	20 850	22 075	21 198	19 564	11 686	18 981	19 950	20 037	20 142	18 260	63 339	62 837	50 817	56 439	233 232
1990	12 523	19 676	21 026	19 552	21 700	22 210	13 452	19 166	18 796	21 409	16 487	11 298	53 225	63 462	51 414	49 194	217 295
1991	14 365	16 036	14 911	17 932	19 746	18 620	13 490	18 140	19 904	22 544	19 626	13 896	45 312	58 298	51 534	56 066	209 210
1992	16 247	20 122	20 878	21 262	22 547	21 578	13 814	19 468	19 581	23 186	21 381	18 522	57 247	65 385	52 663	63 089	238 384
1993	19 989	23 981	24 428	23 746	23 791	24 152	13 194	19 994	22 602	25 875	24 410	21 203	68 398	71 689	55 790	71 488	267 365
1994	23 591	27 751	27 321	27 085	28 171	28 437	15 811	27 309	27 468	28 140	28 352	25 201	78 663	83 693	70 588	81 693	314 637
1995	26 296	30 761	30 847	28 224	28 680	28 887	15 680	27 028	29 039	30 269	27 944	24 253	87 904	85 791	71 747	82 468	327 908
1996	25 531	30 165	26 135	29 747	30 850	29 620	18 236	27 997	29 806	29 728	28 442	22 898	81 831	90 217	76 039	81 068	329 155
1997	27 495	31 279	29 386	30 579	29 397	30 065	19 687	29 419	30 388	32 999	29 904	26 010	88 160	90 041	79 492	88 913	346 606
Seasonally Adjusted—Millions of Dollars																	
1987	16 934	18 211	18 135	17 168	17 025	18 888	16 402	18 018	18 873	17 381	17 423	16 463	53 280	51 081	49 291	51 287	(X)
1988	16 794	17 248	17 867	17 859	18 294	18 495	18 804	18 042	19 015	19 428	19 366	21 183	51 909	54 648	55 861	59 975	(X)
1989	21 459	20 546	19 310	20 564	19 197	18 290	17 138	19 738	19 472	17 713	19 544	19 490	61 315	58 051	58 348	56 747	(X)
1990	13 446	18 726	19 457	18 250	19 524	20 633	19 600	19 512	18 362	18 515	16 066	13 902	51 629	58 407	57 474	48 483	(X)
1991	15 747	15 308	13 807	16 731	17 677	17 138	19 698	18 570	19 428	19 418	19 182	17 045	44 862	51 546	57 696	55 625	(X)
1992	17 823	18 984	19 335	19 851	20 212	19 771	20 305	20 135	19 057	20 356	20 968	22 008	58 142	59 834	59 497	63 332	(X)
1993	21 695	22 200	22 683	22 167	21 420	22 131	20 828	20 632	21 924	23 276	23 905	24 413	66 578	65 718	63 184	71 594	(X)
1994	25 237	25 291	25 425	25 257	25 643	26 191	25 548	27 689	28 575	25 877	27 862	28 652	75 953	77 091	79 810	82 191	(X)
1995	27 890	27 787	28 688	26 325	26 404	26 804	25 337	27 123	28 038	27 854	27 269	27 667	84 365	79 533	80 498	82 790	(X)
1996	27 170	27 190	24 361	27 702	28 646	27 690	28 728	27 894	28 670	27 284	27 771	26 350	78 721	84 038	85 292	81 405	(X)
1997	29 411	28 202	27 447	28 491	27 390	28 281	30 472	29 318	29 126	29 936	29 240	30 002	85 060	84 162	88 916	89 178	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−7.3	7.5	−.4	−5.3	−.8	−.8	−2.9	−2.4	5.4	3.0	.2	−5.5	5.8	−4.1	−3.5	4.0	(X)
1988	2.0	2.7	3.6	–	2.4	1.1	1.7	−4.1	5.4	2.2	−.3	9.4	1.3	5.3	2.2	7.4	(X)
1989	1.3	−4.3	−6.0	6.5	−6.6	−4.7	−6.3	15.2	−1.3	−9.0	10.3	−.3	2.2	−5.3	−2.9	.7	(X)
1990	−31.0	39.3	3.9	−6.2	7.0	5.7	−5.0	−.4	−5.9	.8	−13.2	−13.5	−9.0	13.1	−1.6	−15.6	(X)
1991	13.3	−2.8	−9.8	21.2	5.7	−3.0	14.9	−5.7	4.6	−.1	−1.3	−11.0	−7.5	14.9	11.9	−3.8	(X)
1992	4.6	6.5	1.8	2.7	1.8	−2.2	2.7	−.8	−5.4	8.8	3.0	5.0	.9	8.6	−.6	6.4	(X)
1993	−1.4	2.3	2.2	−2.3	−3.4	3.3	−6.8	–	6.3	6.2	2.7	2.1	5.1	−1.3	−3.9	13.3	(X)
1994	3.4	.2	.5	−.7	1.5	2.1	−2.5	8.4	−4.0	−2.8	6.9	3.8	6.1	1.5	3.5	3.0	(X)
1995	−2.7	−.4	3.2	−8.2	.3	1.5	−5.5	7.0	3.4	−.7	−2.1	1.5	2.6	−5.7	1.2	2.8	(X)
1996	−1.8	.1	−10.4	13.7	3.4	−3.3	3.7	−2.9	2.8	−4.8	1.8	−5.1	−4.9	6.8	1.5	−4.6	(X)
1997	11.6	−4.1	−2.7	3.8	−3.9	3.3	7.7	−3.8	−.7	2.8	−2.3	2.8	4.5	−1.1	5.6	.3	(X)
AIRCRAFT, MISSILES, SPACE VEHICLES, AND PARTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	6 728	8 114	9 784	8 316	8 217	9 406	7 888	7 525	9 330	8 518	8 696	11 068	24 626	25 939	24 743	28 282	103 590
1988	7 173	8 441	10 031	8 366	8 638	9 517	8 132	8 417	9 392	9 153	9 137	11 558	25 645	26 521	25 941	29 848	107 955
1989	6 973	8 344	9 861	8 498	8 677	10 439	8 130	8 964	10 765	8 698	9 071	12 183	25 178	27 614	27 859	29 952	110 603
1990	7 506	9 805	10 627	9 533	9 878	12 061	9 480	10 340	11 472	9 958	10 695	14 471	27 938	31 470	31 292	35 122	125 822
1991	7 961	10 668	11 001	10 791	10 818	12 358	9 782	10 656	12 584	11 133	11 868	12 764	29 630	33 765	33 022	35 765	132 182
1992	8 418	11 149	12 349	10 921	10 136	12 889	9 459	9 560	11 260	10 048	11 023	14 154	31 918	33 946	30 279	35 225	131 366
1993	7 795	9 658	11 212	9 768	9 778	11 984	7 441	9 491	9 735	9 123	8 601	11 759	28 665	31 530	26 667	29 483	116 345
1994	7 291	8 055	10 726	7 978	7 671	9 894	7 272	8 296	9 156	7 818	8 796	10 363	26 072	25 543	24 724	26 977	103 316
1995	8 728	8 317	9 206	8 300	7 808	9 835	7 087	7 572	8 927	7 535	8 424	10 326	24 249	25 943	23 586	26 285	100 063
1996	5 632	7 403	8 847	7 548	8 619	9 273	8 907	8 445	9 673	7 967	9 017	11 991	21 882	25 440	25 025	28 975	101 322
1997	8 955	8 960	10 906	10 180	9 771	11 537	9 463	9 348	10 978	8 975	10 884	13 436	26 821	31 488	29 789	33 295	121 393
Seasonally Adjusted—Millions of Dollars																	
1987	8 359	8 392	9 159	8 690	8 815	8 646	8 673	8 044	8 888	8 650	8 508	8 707	25 910	25 951	25 605	25 865	(X)
1988	9 031	8 778	9 334	8 768	9 045	8 682	9 011	9 017	8 862	9 438	8 998	9 056	27 143	26 493	26 890	27 492	(X)
1989	8 827	8 776	9 089	8 887	9 087	9 419	9 101	9 624	10 089	9 018	8 913	9 340	28 692	27 393	28 814	27 269	(X)
1990	9 658	10 357	9 837	9 941	10 393	10 762	10 720	11 084	10 669	10 399	10 575	11 024	29 852	31 096	32 473	31 998	(X)
1991	10 374	11 265	10 120	11 211	11 303	10 889	11 178	11 384	11 666	11 775	11 798	9 890	31 759	33 403	34 228	33 463	(X)
1992	10 978	11 789	11 224	11 329	10 757	11 198	10 771	10 198	10 397	10 756	11 037	10 932	33 991	33 284	31 366	32 725	(X)
1993	10 092	10 172	10 236	10 187	10 392	10 387	8 428	10 118	8 954	9 749	8 602	9 160	30 500	30 966	27 498	27 511	(X)
1994	9 322	8 480	9 751	8 337	8 134	8 625	8 150	8 813	8 452	8 358	8 866	8 133	27 553	25 096	25 415	25 355	(X)
1995	8 496	8 749	8 392	8 627	8 262	8 595	7 933	8 060	8 240	8 037	8 531	8 085	25 837	25 484	24 233	24 653	(X)
1996	7 119	7 761	8 085	7 878	9 070	8 179	7 696	8 987	8 991	8 578	9 155	9 391	22 965	25 127	25 674	27 122	(X)
1997	8 788	9 311	9 959	10 532	10 275	10 230	10 443	9 941	10 222	9 598	11 048	10 577	28 058	31 037	30 606	31 223	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−7.3	.4	9.1	−5.1	−.9	.4	.3	−7.3	10.5	−2.7	−1.6	2.3	−4.7	.2	−1.3	1.0	(X)
1988	3.7	−2.8	8.3	−6.1	3.2	−4.0	3.8	.1	−1.7	6.5	−4.7	.6	4.9	−2.4	1.5	2.2	(X)
1989	−2.5	−.8	3.8	−2.2	2.3	3.7	−3.4	5.7	4.8	−10.6	−1.1	4.8	−2.9	2.6	5.2	−5.4	(X)
1990	3.4	7.2	−5.0	1.1	4.5	3.6	−.4	3.4	−3.7	−2.5	1.7	4.2	9.5	4.2	4.4	−1.5	(X)
1991	−5.9	8.6	−10.2	10.8	.8	−3.7	2.7	1.8	2.5	.9	.2	−16.2	−.7	5.2	2.5	−2.2	(X)
1992	11.0	7.4	−4.8	.9	−5.0	4.1	−3.8	−5.3	2.0	3.5	2.6	−1.0	1.6	−2.1	−5.8	4.3	(X)
1993	−7.7	.8	.6	−.5	2.0	–	−18.9	20.1	−11.5	8.9	−11.8	6.5	−6.8	1.5	−11.2	–	(X)
1994	1.8	−9.0	15.0	−14.5	−2.4	8.0	−5.5	8.1	−4.1	−1.1	6.1	−8.3	.2	−8.9	1.3	−.2	(X)
1995	4.5	3.0	−4.1	2.8	−4.2	4.0	−7.7	1.8	2.2	−2.5	6.1	−5.2	1.1	−.6	−4.9	1.7	(X)
1996	−11.9	9.0	4.2	−2.6	15.1	−9.8	−5.9	16.8	–	−4.6	6.8	2.6	−6.8	9.4	2.2	5.6	(X)
1997	−6.4	8.0	7.0	5.8	−2.4	−.4	2.1	−4.8	2.8	−6.1	15.1	−4.3	3.5	10.6	−1.4	2.0	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
SHIPBUILDING AND TANKS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	716	981	873	907	915	1 003	859	916	951	854	844	1 207	2 570	2 825	2 726	2 905	11 026
1988	854	932	843	855	922	884	798	830	957	799	855	1 322	2 629	2 661	2 585	2 976	10 851
1989	732	915	909	844	890	872	838	1 007	933	796	961	1 409	2 556	2 606	2 778	3 166	11 106
1990	796	929	1 154	956	1 031	1 107	998	1 074	1 073	1 126	1 016	1 249	2 879	3 094	3 145	3 391	12 509
1991	929	972	1 034	1 112	1 063	1 026	951	1 000	1 078	1 152	995	1 070	2 935	3 201	3 029	3 217	12 382
1992	796	1 091	1 221	994	1 020	1 043	1 037	1 081	1 153	970	1 039	1 385	3 108	3 057	3 271	3 394	12 830
1993	809	1 059	1 070	947	952	959	1 015	936	1 031	1 034	1 025	1 170	2 938	2 858	2 982	3 229	12 007
1994	740	1 019	950	978	1 112	1 359	829	942	1 015	894	839	959	2 709	3 447	2 786	2 692	11 634
1995	836	867	1 023	874	939	996	815	957	907	848	857	1 071	2 726	2 809	2 679	2 774	10 988
1996	776	931	917	922	850	1 115	854	795	995	752	850	1 206	2 624	2 887	2 644	2 808	10 963
1997	598	897	893	891	1 026	1 039	857	839	878	836	877	1 038	2 388	2 956	2 574	2 751	10 669
Seasonally Adjusted—Millions of Dollars																	
1987	867	950	894	948	907	997	916	927	947	854	837	959	2 711	2 852	2 790	2 650	(X)
1988	1 041	919	861	897	921	879	859	841	940	808	852	1 014	2 821	2 697	2 640	2 674	(X)
1989	894	924	906	890	891	868	902	1 023	906	805	978	1 041	2 724	2 647	2 831	2 824	(X)
1990	978	959	1 123	1 008	1 045	1 095	1 068	1 090	1 030	1 139	1 040	981	3 058	3 148	3 188	3 160	(X)
1991	1 155	992	977	1 166	1 080	1 008	1 007	1 013	1 028	1 179	1 036	883	3 124	3 254	3 048	3 098	(X)
1992	1 010	1 100	1 137	1 037	1 014	1 019	1 098	1 093	1 099	999	1 084	1 132	3 247	3 070	3 290	3 215	(X)
1993	1 040	1 057	996	988	932	923	1 066	947	981	1 077	1 076	961	3 093	2 843	2 994	3 114	(X)
1994	956	1 024	890	1 013	1 077	1 251	875	956	972	924	881	779	2 870	3 341	2 803	2 584	(X)
1995	1 081	864	975	901	910	932	863	980	875	892	892	878	2 920	2 743	2 718	2 662	(X)
1996	986	920	884	954	828	1 029	910	817	972	791	872	952	2 790	2 811	2 699	2 615	(X)
1997	777	878	869	916	990	949	912	864	862	887	890	849	2 524	2 855	2 638	2 626	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–3.3	9.6	–5.9	6.0	–4.3	9.9	–8.1	1.2	2.2	–9.8	–2.0	14.6	–1.1	5.2	–2.2	–5.0	(X)
1988	8.6	–11.7	–6.3	4.2	2.7	–4.6	–2.3	–2.1	11.8	–14.0	5.4	19.0	6.5	–4.4	–2.1	1.3	(X)
1989	–11.8	3.4	–1.9	–1.8	.1	–2.8	4.2	13.4	–11.4	–11.1	21.5	6.4	1.9	–2.8	7.0	–.2	(X)
1990	–6.2	–1.7	17.1	–10.2	3.7	4.8	–2.5	2.1	–5.5	10.8	–8.7	–5.7	8.3	2.9	1.3	–.9	(X)
1991	17.7	–14.1	–1.5	19.3	–7.4	–6.7	–.1	.6	1.5	14.7	–12.1	–14.8	–1.1	4.2	–6.3	1.6	(X)
1992	14.4	8.9	3.4	–8.8	–2.2	.5	7.8	–.5	.5	–9.1	8.5	4.4	4.8	–5.5	7.2	–2.3	(X)
1993	–8.1	1.6	–5.8	–.8	–5.7	–1.0	15.5	–11.2	3.6	9.8	–.1	–10.7	–3.8	–8.1	5.3	4.0	(X)
1994	–.5	7.1	–13.1	13.8	6.3	16.2	–30.1	9.3	1.7	–4.9	–4.7	–11.6	–7.8	16.4	–16.1	–7.8	(X)
1995	38.8	–20.1	12.8	–7.6	1.0	2.4	–7.4	13.6	–10.7	1.9	–	–1.6	13.0	–6.1	–.9	–2.1	(X)
1996	12.3	–6.7	–3.9	7.9	–13.2	24.3	–11.6	–10.2	19.0	–18.6	10.2	9.2	4.8	.8	–4.0	–3.1	(X)
1997	–18.4	13.0	–1.0	5.4	8.1	–4.1	–3.9	–5.3	–.2	2.9	.3	–4.6	–3.5	13.1	–7.6	–.5	(X)
INSTRUMENTS AND RELATED PRODUCTS, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	7 317	8 532	9 522	8 401	8 548	9 703	8 231	8 718	9 943	9 078	9 204	10 128	25 371	26 652	26 892	28 410	107 325
1988	7 806	8 924	10 157	9 250	9 201	10 647	9 042	9 369	10 825	9 648	9 700	11 440	26 887	29 098	29 236	30 788	116 009
1989	8 973	9 662	10 779	9 299	9 893	10 725	8 930	9 865	11 028	10 322	10 485	11 564	29 414	29 917	29 821	32 371	121 523
1990	9 335	10 176	11 166	9 923	10 745	11 379	9 740	10 389	11 426	10 953	11 043	11 703	30 677	32 047	31 555	33 699	127 978
1991	9 497	10 390	11 257	10 588	10 988	11 923	10 120	11 116	11 898	11 392	11 668	12 003	31 144	33 495	33 134	35 063	132 836
1992	9 604	10 629	12 114	10 727	10 947	12 474	10 020	10 729	12 411	11 152	11 454	12 680	32 347	34 148	33 160	35 286	134 941
1993	9 814	10 915	12 213	10 605	11 188	12 603	10 246	11 195	12 586	11 354	12 020	12 648	32 942	34 396	34 027	36 022	137 387
1994	10 111	11 004	11 996	10 851	11 407	12 743	10 257	11 356	12 741	11 341	11 791	12 802	33 111	35 001	34 354	35 934	138 400
1995	10 683	11 662	12 880	11 193	12 075	13 110	10 318	11 995	13 120	11 790	12 462	13 431	35 225	36 378	35 433	37 683	144 719
1996	10 878	12 204	13 229	11 699	12 628	13 803	11 330	12 473	13 608	12 369	13 079	13 719	36 311	38 128	37 411	39 167	151 017
1997	11 351	13 159	14 197	12 809	12 916	14 985	12 342	13 134	15 477	13 858	13 735	15 018	38 707	40 710	40 953	42 611	162 981
Seasonally Adjusted—Millions of Dollars																	
1987	8 397	8 705	8 896	8 769	8 761	8 969	9 035	8 992	9 252	9 040	9 137	9 209	25 998	26 499	27 279	27 386	(X)
1988	8 952	9 159	9 457	9 693	9 417	9 813	9 923	9 678	10 064	9 609	9 615	10 389	27 568	28 923	29 663	29 613	(X)
1989	10 255	9 993	10 049	9 785	10 065	9 867	9 820	10 186	10 258	10 274	10 323	10 530	30 297	29 717	30 264	31 127	(X)
1990	10 648	10 570	10 411	10 457	10 898	10 485	10 765	10 724	10 605	10 904	10 804	10 652	31 629	31 840	32 094	32 360	(X)
1991	10 829	10 828	10 490	11 194	11 110	10 973	11 188	11 452	11 025	11 390	11 373	10 991	32 147	33 277	33 665	33 754	(X)
1992	10 947	11 070	11 334	11 343	11 075	11 425	11 133	11 027	11 464	11 200	11 219	11 595	33 351	33 843	33 624	34 014	(X)
1993	11 205	11 336	11 441	11 216	11 289	11 480	11 432	11 488	11 587	11 489	11 818	11 623	33 982	33 985	34 507	34 930	(X)
1994	11 505	11 357	11 256	11 446	11 491	11 550	11 505	11 655	11 696	11 526	11 646	11 856	34 118	34 487	34 856	35 028	(X)
1995	12 116	11 933	12 047	11 777	12 173	11 903	11 576	12 306	12 025	12 032	12 339	12 524	36 096	35 853	35 907	36 895	(X)
1996	12 297	12 396	12 360	12 270	12 759	12 543	12 688	12 797	12 482	12 616	13 006	12 852	37 053	37 572	37 967	38 474	(X)
1997	12 827	13 323	13 242	13 414	13 081	13 642	13 777	13 473	14 172	14 101	13 712	14 100	39 392	40 137	41 422	41 913	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.1	3.7	2.2	–1.4	–.1	2.4	.7	–.5	2.9	–2.3	1.1	.8	.7	1.9	2.9	.4	(X)
1988	–2.8	2.3	3.3	2.5	–2.8	4.2	1.1	–2.5	4.0	–4.5	.1	8.0	.7	4.9	2.6	–.2	(X)
1989	–1.3	–2.6	.6	–2.8	2.9	–2.0	–.5	3.7	.7	.2	.5	2.0	2.3	–1.9	1.8	2.9	(X)
1990	1.1	–.7	–1.5	.4	4.2	–3.8	2.7	–.4	–1.1	2.8	–.9	–1.4	1.6	.7	.8	.8	(X)
1991	1.7	–	–3.1	6.7	–.8	–1.2	2.0	2.4	–3.7	3.3	–.1	–3.4	–.7	3.5	1.2	.3	(X)
1992	–.4	1.1	2.4	.1	–2.4	3.2	–2.6	–1.0	4.0	–2.3	.2	3.4	–1.2	1.5	–.6	1.2	(X)
1993	–3.4	1.2	.9	–2.0	.7	1.7	–.4	.5	.9	–.8	2.9	–1.7	–.1	–	1.5	1.2	(X)
1994	–1.0	–1.3	–.9	1.7	.4	.5	–.4	1.3	.4	–1.5	1.0	1.8	–2.3	1.1	1.1	.5	(X)
1995	2.2	–1.5	1.0	–2.2	3.4	–2.2	–2.7	6.3	–2.3	.1	2.6	1.5	3.0	–.7	.2	2.8	(X)
1996	–1.8	.8	–.3	–.7	4.0	–1.7	1.2	.9	–2.5	1.1	3.1	–1.2	.4	1.4	1.1	1.3	(X)
1997	–.2	3.9	–.6	1.3	–2.5	4.3	1.0	–2.2	5.2	–.5	–2.8	2.8	2.4	1.9	3.2	1.2	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
SEARCH AND NAVIGATION EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	2 334	2 794	3 319	2 775	2 792	3 272	2 661	2 947	3 404	2 929	3 193	3 847	8 447	8 839	9 012	9 969	36 267
1988	2 352	2 771	3 383	2 870	2 860	3 488	2 704	2 883	3 672	2 890	3 189	4 216	8 506	9 218	9 259	10 295	37 278
1989	2 558	2 841	3 453	2 759	2 879	3 147	2 477	2 939	3 292	3 071	3 304	4 178	8 852	8 785	8 708	10 553	38 898
1990	2 536	2 986	3 317	2 856	3 206	3 325	2 883	3 077	3 586	3 183	3 452	4 208	8 839	9 387	9 546	10 843	38 615
1991	2 473	2 865	3 607	2 972	3 200	3 555	2 704	3 511	3 374	3 250	3 544	3 557	8 945	9 727	9 589	10 351	38 612
1992	2 414	2 900	3 261	2 717	2 826	3 208	2 456	2 761	3 231	2 786	3 082	3 397	8 575	8 751	8 448	9 265	35 039
1993	2 355	2 792	3 153	2 515	2 828	3 192	2 447	2 613	2 990	2 531	3 094	3 036	8 300	8 535	8 050	8 661	33 546
1994	2 165	2 527	2 512	2 286	2 481	2 698	2 317	2 431	2 854	2 363	2 552	2 924	7 204	7 465	7 602	7 839	30 110
1995	2 387	2 630	3 021	2 548	2 710	2 874	2 202	2 694	3 032	2 466	2 650	2 786	8 038	8 132	7 928	7 902	32 000
1996	2 265	2 614	2 701	2 361	2 578	2 691	2 214	2 498	2 636	2 346	2 696	2 771	7 580	7 630	7 348	7 813	30 371
1997	2 250	2 731	2 863	2 633	2 613	3 055	2 542	2 629	3 240	2 955	2 750	2 977	7 844	8 301	8 411	8 682	33 238
Seasonally Adjusted—Millions of Dollars																	
1987	2 866	2 889	3 049	2 937	2 966	3 035	3 084	3 048	3 130	2 965	3 038	3 110	8 804	8 938	9 262	9 113	(X)
1988	2 927	2 925	3 090	3 080	3 034	3 224	3 143	2 980	3 365	2 926	3 024	3 375	8 942	9 338	9 488	9 325	(X)
1989	3 177	3 060	3 162	2 999	3 009	2 906	2 885	3 030	3 020	3 111	3 105	3 367	9 399	8 914	8 935	9 583	(X)
1990	3 161	3 233	3 038	3 119	3 308	3 064	3 363	3 187	3 283	3 234	3 218	3 416	9 432	9 491	9 833	9 868	(X)
1991	3 066	3 093	3 296	3 269	3 272	3 274	3 139	3 627	3 087	3 328	3 289	2 935	9 455	9 815	9 853	9 552	(X)
1992	2 955	3 074	3 008	2 984	2 885	2 943	2 843	2 860	2 950	2 871	2 895	2 865	9 037	8 812	8 653	8 631	(X)
1993	2 842	2 910	2 917	2 761	2 865	2 922	2 807	2 709	2 710	2 643	2 944	2 635	8 669	8 548	8 226	8 222	(X)
1994	2 560	2 579	2 328	2 489	2 502	2 468	2 643	2 532	2 568	2 488	2 470	2 610	7 467	7 459	7 743	7 568	(X)
1995	2 771	2 634	2 798	2 735	2 732	2 634	2 494	2 808	2 715	2 604	2 601	2 558	8 203	8 101	8 017	7 763	(X)
1996	2 600	2 569	2 499	2 499	2 617	2 465	2 502	2 607	2 360	2 456	2 678	2 592	7 668	7 581	7 469	7 726	(X)
1997	2 575	2 652	2 647	2 759	2 669	2 796	2 867	2 742	2 895	3 058	2 759	2 816	7 874	8 224	8 504	8 633	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–	.8	5.5	–3.7	1.0	2.3	1.6	–1.2	2.7	–5.3	2.5	2.4	1.7	1.5	3.6	–1.6	(X)
1988	–5.9	–.1	5.6	–.3	–1.5	6.3	–2.5	–5.2	12.9	–13.0	3.3	11.6	–1.9	4.4	1.6	–1.7	(X)
1989	–5.9	–3.7	3.3	–5.2	.3	–3.4	–.7	5.0	–.3	3.0	–.2	8.4	.8	–5.2	.2	7.3	(X)
1990	–6.1	2.3	–6.0	2.7	6.1	–7.4	9.8	–5.2	3.0	–1.5	–.5	6.2	–1.6	.6	3.6	.4	(X)
1991	–10.2	.9	6.6	–.8	.1	.1	–4.1	15.5	–14.9	7.8	–1.2	–10.8	–4.2	3.8	.4	–3.1	(X)
1992	.7	4.0	–2.1	–.8	–3.3	2.0	–3.4	.6	3.1	–2.7	.8	–1.0	–5.4	–2.5	–1.8	–.3	(X)
1993	–.8	2.4	.2	–5.3	3.8	2.0	–3.9	–3.5	–	–2.5	11.4	–10.5	.4	–1.4	–3.8	–	(X)
1994	–2.8	.7	–9.7	6.9	.5	–1.4	7.1	–4.2	1.4	–3.1	–.7	5.7	–9.2	–.1	3.8	–2.3	(X)
1995	6.2	–4.9	6.2	–2.3	–.1	–3.6	–5.3	12.6	–3.3	–4.1	–.1	–1.7	8.4	–1.2	–1.0	–3.2	(X)
1996	1.6	–1.2	–2.7	–	4.7	–5.8	1.5	4.2	–9.5	4.1	9.0	–3.2	–1.2	–1.1	–1.5	3.4	(X)
1997	–.7	3.0	–.2	4.2	–3.3	4.8	2.5	–4.4	5.6	5.6	–9.8	2.1	1.9	4.4	3.4	1.5	(X)
MEASURING AND CONTROLLING DEVICES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 901	2 151	2 333	2 075	2 094	2 324	2 025	2 127	2 377	2 209	2 122	2 304	6 385	6 493	6 529	6 635	26 042
1988	2 078	2 292	2 518	2 380	2 340	2 603	2 345	2 457	2 648	2 451	2 311	2 655	6 888	7 323	7 450	7 417	29 078
1989	2 327	2 315	2 585	2 208	2 483	2 574	2 253	2 564	2 890	2 563	2 577	2 599	7 227	7 265	7 707	7 739	29 938
1990	2 553	2 593	2 913	2 577	2 762	2 879	2 471	2 664	2 790	2 721	2 614	2 706	8 059	8 218	7 925	8 041	32 243
1991	2 514	2 662	2 833	2 703	2 711	2 972	2 564	2 716	2 983	2 895	2 851	2 908	8 009	8 386	8 263	8 654	33 312
1992	2 766	2 813	3 203	2 800	2 772	3 093	2 623	2 851	3 132	2 913	2 802	2 962	8 782	8 665	8 606	8 677	34 730
1993	2 618	2 902	3 092	2 791	2 930	3 053	2 587	2 897	3 228	3 030	2 993	3 288	8 612	8 774	8 712	9 311	35 409
1994	2 888	3 020	3 523	3 054	3 182	3 463	2 834	3 255	3 588	3 142	3 311	3 672	9 431	9 699	9 677	10 125	38 932
1995	3 129	3 433	3 987	3 239	3 559	3 861	2 997	3 661	4 015	3 601	3 765	4 483	10 549	10 659	10 673	11 849	43 730
1996	3 355	3 810	4 255	3 539	3 952	4 195	3 329	3 941	4 222	3 864	4 008	4 271	11 420	11 686	11 492	12 143	46 741
1997	3 441	4 130	4 390	3 954	4 020	4 597	3 742	4 231	4 757	4 207	4 245	4 490	11 961	12 571	12 730	12 942	50 204
Seasonally Adjusted—Millions of Dollars																	
1987	2 035	2 176	2 171	2 150	2 112	2 174	2 189	2 152	2 216	2 216	2 209	2 233	6 382	6 436	6 557	6 658	(X)
1988	2 222	2 322	2 335	2 469	2 359	2 436	2 532	2 487	2 474	2 455	2 390	2 592	6 879	7 264	7 493	7 437	(X)
1989	2 487	2 349	2 388	2 292	2 503	2 411	2 444	2 595	2 707	2 559	2 636	2 556	7 224	7 206	7 746	7 751	(X)
1990	2 730	2 632	2 682	2 680	2 783	2 700	2 696	2 698	2 615	2 699	2 662	2 666	8 044	8 163	8 009	8 027	(X)
1991	2 695	2 705	2 600	2 816	2 728	2 790	2 819	2 749	2 795	2 864	2 898	2 849	8 000	8 334	8 363	8 611	(X)
1992	2 977	2 857	2 929	2 919	2 802	2 898	2 915	2 878	2 920	2 893	2 859	2 865	8 763	8 619	8 713	8 617	(X)
1993	2 841	2 946	2 816	2 911	2 955	2 856	2 917	2 921	2 996	3 037	3 047	3 136	8 603	8 722	8 834	9 220	(X)
1994	3 161	3 061	3 205	3 188	3 205	3 234	3 240	3 281	3 312	3 180	3 348	3 466	9 427	9 627	9 833	9 994	(X)
1995	3 455	3 473	3 628	3 385	3 583	3 602	3 452	3 687	3 694	3 669	3 769	4 215	10 556	10 570	10 833	11 653	(X)
1996	3 732	3 848	3 885	3 705	3 978	3 911	3 837	3 963	3 877	3 939	3 996	4 013	11 465	11 594	11 677	11 948	(X)
1997	3 848	4 168	4 022	4 150	4 048	4 281	4 287	4 248	4 365	4 276	4 239	4 229	12 038	12 479	12 900	12 744	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–4.8	6.9	–.2	–1.0	–1.8	2.9	.7	–1.7	3.0	–	–.3	1.1	.2	.8	1.9	1.5	(X)
1988	–.5	4.5	.6	5.7	–4.5	3.3	3.9	–1.8	–.5	–.8	–2.6	8.5	3.3	5.6	3.2	–.7	(X)
1989	–4.1	–5.5	1.7	–4.0	9.2	–3.7	1.4	6.2	4.3	–5.5	3.0	–3.0	–2.9	–.2	7.5	.1	(X)
1990	6.8	–3.6	1.9	–.1	3.8	–3.0	–.1	.1	–3.1	3.2	–1.4	.2	3.8	1.5	–1.9	.2	(X)
1991	1.1	.4	–3.9	8.3	–3.1	2.3	1.0	–2.5	1.7	2.5	1.2	–1.7	–.3	4.2	.3	3.0	(X)
1992	4.5	–4.0	2.5	–.3	–4.0	3.4	.6	–1.3	1.5	–.9	–1.2	.2	1.8	–1.6	1.1	–1.1	(X)
1993	–.8	3.7	–4.4	3.4	1.5	–3.4	2.1	.1	2.6	1.4	.3	2.9	–.2	1.4	1.3	4.4	(X)
1994	.8	–3.2	4.7	–.5	.5	.9	.2	1.3	.9	–4.0	5.3	3.5	2.2	2.1	2.1	1.6	(X)
1995	–.3	.5	4.5	–6.7	5.8	.5	–4.2	6.8	.2	–.7	2.7	11.8	5.6	.1	2.5	7.6	(X)
1996	–11.5	3.1	1.0	–4.6	7.4	–1.7	–1.9	3.3	–2.2	1.6	1.4	.4	–1.6	1.1	.7	2.3	(X)
1997	–4.1	8.3	–3.5	3.2	–2.5	5.8	.1	–.9	2.8	–2.0	–.9	–.2	.8	3.7	3.4	–1.2	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
MEDICAL INSTRUMENTS AND SUPPLIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 581	1 813	1 985	1 807	1 833	2 052	1 803	1 912	2 134	1 982	1 901	2 062	5 379	5 692	5 849	5 945	22 865
1988	1 842	2 034	2 226	2 099	2 051	2 300	2 063	2 180	2 333	2 195	2 078	2 400	6 102	6 450	6 576	6 673	25 801
1989	2 186	2 427	2 429	2 216	2 297	2 487	2 194	2 376	2 528	2 391	2 357	2 529	7 042	7 000	7 098	7 277	28 417
1990	2 427	2 608	2 783	2 563	2 729	2 880	2 599	2 741	2 893	2 762	2 774	2 759	7 818	8 172	8 233	8 295	32 518
1991	2 766	2 919	2 851	2 848	2 925	3 040	2 886	2 901	3 228	3 075	3 101	3 281	8 536	8 813	9 015	9 457	35 821
1992	2 707	3 014	3 538	3 086	3 169	3 718	2 979	3 154	3 660	3 195	3 354	3 961	9 259	9 973	9 793	10 510	39 535
1993	3 033	3 294	3 839	3 247	3 278	3 868	3 224	3 504	3 865	3 475	3 626	3 984	10 166	10 393	10 593	11 085	42 237
1994	3 218	3 421	3 721	3 353	3 408	3 866	3 249	3 481	3 757	3 447	3 538	3 850	10 360	10 627	10 487	10 835	42 309
1995	3 355	3 554	3 812	3 341	3 583	3 934	3 274	3 613	3 830	3 431	3 606	4 080	10 721	10 858	10 717	11 117	43 413
1996	3 378	3 781	4 125	3 647	3 804	4 361	3 635	3 926	4 424	3 848	4 023	4 454	11 284	11 812	11 985	12 325	47 406
1997	3 657	4 102	4 499	3 849	3 938	4 682	3 879	4 046	4 849	4 234	4 249	4 951	12 258	12 469	12 774	13 434	50 935
Seasonally Adjusted—Millions of Dollars																	
1987	1 696	1 799	1 862	1 862	1 855	1 915	1 939	1 937	2 024	1 995	1 992	1 986	5 357	5 632	5 900	5 973	(X)
1988	1 971	2 008	2 090	2 165	2 077	2 153	2 197	2 210	2 209	2 217	2 174	2 323	6 069	6 395	6 616	6 714	(X)
1989	2 339	2 399	2 277	2 288	2 332	2 332	2 323	2 412	2 386	2 417	2 437	2 458	7 015	6 952	7 121	7 312	(X)
1990	2 610	2 590	2 603	2 655	2 780	2 695	2 755	2 787	2 721	2 797	2 825	2 663	7 803	8 130	8 263	8 285	(X)
1991	3 000	2 933	2 660	2 962	2 986	2 827	3 081	2 957	3 031	3 130	3 119	3 107	8 593	8 775	9 069	9 356	(X)
1992	2 962	3 058	3 292	3 232	3 240	3 435	3 222	3 215	3 426	3 283	3 355	3 670	9 312	9 907	9 863	10 308	(X)
1993	3 350	3 366	3 563	3 417	3 358	3 541	3 514	3 578	3 604	3 600	3 629	3 646	10 279	10 316	10 696	10 875	(X)
1994	3 573	3 493	3 449	3 541	3 502	3 514	3 556	3 560	3 490	3 589	3 554	3 516	10 515	10 557	10 606	10 659	(X)
1995	3 729	3 616	3 532	3 534	3 693	3 562	3 581	3 699	3 550	3 582	3 644	3 714	10 877	10 789	10 830	10 940	(X)
1996	3 746	3 829	3 825	3 865	3 931	3 952	3 976	4 015	4 092	4 014	4 088	4 049	11 400	11 748	12 083	12 151	(X)
1997	4 055	4 147	4 170	4 088	4 073	4 246	4 240	4 136	4 472	4 402	4 342	4 493	12 372	12 407	12 848	13 237	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.1	6.1	3.5	–	–.4	3.2	1.3	–.1	4.5	–1.4	–.2	–.3	5.0	5.1	4.8	1.2	(X)
1988	–.8	1.9	4.1	3.6	–4.1	3.7	2.0	.6	–	.4	–1.9	6.9	1.6	5.4	3.5	1.5	(X)
1989	.7	2.6	–5.1	.5	1.9	–	–.4	3.8	–1.1	1.3	.8	.9	4.5	–.9	2.4	2.7	(X)
1990	6.2	–.8	.5	2.0	4.7	–3.1	2.2	1.2	–2.4	2.8	1.0	–5.7	6.7	4.2	1.6	.3	(X)
1991	12.7	–2.2	–9.3	11.4	.8	–5.3	9.0	–4.0	2.5	3.3	–.4	–.4	3.7	2.1	3.4	3.2	(X)
1992	–4.7	3.2	7.7	–1.8	.2	6.0	–6.2	–.2	6.6	–4.2	2.2	9.4	–.5	6.4	–.4	4.5	(X)
1993	–8.7	.5	5.9	–4.1	–1.7	5.4	–.8	1.8	.7	–.1	.8	.5	–.3	.4	3.7	1.7	(X)
1994	–2.0	–2.2	–1.3	2.7	–1.1	.3	1.2	.1	–2.0	2.8	–1.0	–1.1	–3.3	.4	.5	.5	(X)
1995	6.1	–3.0	–2.3	.1	4.5	–3.5	.5	3.3	–4.0	.9	1.7	1.9	2.0	–.8	.4	1.0	(X)
1996	.9	2.2	–.1	1.0	1.7	.5	.6	1.0	1.9	–1.9	1.8	–1.0	4.2	3.1	2.9	.6	(X)
1997	.1	2.3	.6	–2.0	–.4	4.2	–.1	–2.5	8.1	–1.6	–1.4	3.5	1.8	.3	3.6	3.0	(X)
PHOTOGRAPHIC GOODS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 325	1 559	1 636	1 510	1 589	1 807	1 518	1 492	1 758	1 666	1 720	1 661	4 520	4 906	4 768	5 047	19 241
1988	1 298	1 554	1 723	1 587	1 690	1 972	1 672	1 593	1 882	1 811	1 854	1 915	4 575	5 249	5 147	5 580	20 551
1989	1 625	1 774	1 971	1 803	1 932	2 216	1 742	1 711	2 033	1 984	1 954	1 998	5 370	5 951	5 486	5 936	22 743
1990	1 555	1 687	1 838	1 614	1 725	1 976	1 523	1 592	1 852	1 996	1 920	1 757	5 080	5 315	4 967	5 673	21 035
1991	1 510	1 644	1 655	1 765	1 831	2 020	1 642	1 676	1 973	1 879	1 869	1 956	4 809	5 616	5 291	5 704	21 420
1992	1 464	1 624	1 796	1 835	1 892	2 137	1 670	1 669	2 065	1 960	1 927	2 080	4 884	5 864	5 404	5 967	22 119
1993	1 525	1 613	1 815	1 732	1 831	2 148	1 669	1 856	2 147	2 010	1 984	2 038	4 953	5 711	5 672	6 032	22 368
1994	1 570	1 738	1 909	1 840	2 008	2 357	1 580	1 868	2 174	2 079	2 106	2 032	5 217	6 205	5 622	6 217	23 261
1995	1 525	1 740	1 725	1 739	1 878	2 062	1 540	1 692	1 903	1 969	2 110	1 771	4 990	5 679	5 135	5 850	21 654
1996	1 586	1 703	1 814	1 800	1 930	2 190	1 794	1 755	1 954	1 944	1 968	1 859	5 103	5 920	5 503	5 771	22 297
1997	1 620	1 816	2 043	1 949	1 935	2 187	1 732	1 796	2 179	2 034	2 074	2 155	5 479	6 071	5 707	6 263	23 520
Seasonally Adjusted—Millions of Dollars																	
1987	1 583	1 626	1 589	1 600	1 598	1 610	1 585	1 608	1 622	1 598	1 625	1 592	4 798	4 808	4 815	4 815	(X)
1988	1 552	1 630	1 663	1 685	1 694	1 730	1 776	1 736	1 736	1 734	1 755	1 815	4 845	5 109	5 248	5 304	(X)
1989	1 930	1 878	1 909	1 909	1 929	1 933	1 889	1 868	1 872	1 891	1 849	1 865	5 717	5 771	5 629	5 605	(X)
1990	1 842	1 810	1 796	1 700	1 716	1 726	1 677	1 733	1 696	1 890	1 813	1 615	5 448	5 142	5 106	5 318	(X)
1991	1 796	1 792	1 642	1 852	1 815	1 769	1 821	1 806	1 794	1 772	1 761	1 783	5 230	5 436	5 421	5 316	(X)
1992	1 760	1 796	1 804	1 920	1 866	1 857	1 860	1 781	1 870	1 848	1 818	1 899	5 360	5 643	5 511	5 565	(X)
1993	1 848	1 790	1 843	1 808	1 797	1 850	1 873	1 957	1 949	1 892	1 871	1 888	5 481	5 455	5 779	5 651	(X)
1994	1 904	1 914	1 953	1 913	1 965	2 009	1 784	1 964	1 981	1 952	1 986	1 923	5 771	5 887	5 729	5 861	(X)
1995	1 838	1 889	1 762	1 803	1 835	1 763	1 739	1 780	1 742	1 847	1 988	1 712	5 489	5 401	5 261	5 547	(X)
1996	1 890	1 836	1 824	1 859	1 886	1 884	2 014	1 861	1 795	1 834	1 853	1 818	5 550	5 629	5 670	5 505	(X)
1997	1 923	1 951	2 010	2 007	1 894	1 898	1 938	1 917	2 006	1 930	1 946	2 100	5 884	5 799	5 861	5 976	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–1.7	2.7	–2.3	.7	–.1	.8	–1.6	1.5	.9	–1.5	1.7	–2.0	–3.2	.2	.1	–	(X)
1988	–2.5	5.0	2.0	1.3	.5	2.1	2.7	–2.3	–	–.1	1.2	3.4	.6	5.4	2.7	1.1	(X)
1989	6.3	–2.7	1.7	–	1.0	.2	–2.3	–1.1	.2	1.0	–2.2	.9	7.8	.9	–2.5	–.4	(X)
1990	–1.2	–1.7	–.8	–5.3	.9	.6	–2.8	3.3	–2.1	11.4	–4.1	–10.9	–2.8	–5.6	–.7	4.2	(X)
1991	11.2	–.2	–8.4	12.8	–2.0	–2.5	2.9	–.8	–.7	–1.2	–.6	1.2	–1.7	3.9	–.3	–1.9	(X)
1992	–1.3	2.0	.4	6.4	–2.8	–.5	.2	–4.2	5.0	–1.2	–1.6	4.5	.8	5.3	–2.3	1.0	(X)
1993	–2.7	–3.1	3.0	–1.9	–.6	2.9	1.2	4.5	–.4	–2.9	–1.1	.9	–1.5	–.5	5.9	–2.2	(X)
1994	.8	.5	2.0	–2.0	2.7	2.2	–11.2	10.1	.9	–1.5	1.7	–3.2	2.1	2.0	–2.7	2.3	(X)
1995	–4.4	2.8	–6.7	2.3	1.8	–3.9	–1.4	2.4	–2.1	6.0	7.6	–13.9	–6.3	–1.6	–2.6	5.4	(X)
1996	10.4	–2.9	–.7	1.9	1.5	–.1	6.9	–7.6	–3.5	2.2	1.0	–1.9	.1	1.4	.7	–2.9	(X)
1997	5.8	1.5	3.0	–.1	–5.6	.2	2.1	–1.1	4.6	–3.8	.8	7.9	6.9	–1.4	1.1	2.0	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
ALL OTHER DURABLE GOODS INDUSTRIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	9 504	10 929	11 620	11 566	11 267	12 295	11 063	12 240	12 859	13 144	11 637	11 097	32 053	35 128	36 162	35 878	139 221
1988	10 259	11 660	12 463	12 723	12 161	13 051	11 391	12 336	13 227	13 304	12 256	11 659	34 382	37 935	36 954	37 219	146 490
1989	11 215	12 336	12 893	12 798	13 001	13 621	11 553	13 475	13 493	13 990	12 559	11 438	36 444	39 420	38 521	37 987	152 372
1990	11 526	12 836	13 202	13 047	13 377	13 973	12 070	13 654	13 554	13 727	12 201	10 996	37 564	40 397	39 278	36 924	154 163
1991	10 721	11 864	11 850	12 387	12 614	13 474	11 862	13 371	13 526	13 660	12 594	11 123	34 435	38 475	38 759	37 377	149 046
1992	11 627	13 054	13 809	13 570	13 408	14 785	13 022	14 464	15 178	14 946	13 865	13 161	38 490	41 763	42 664	41 972	164 889
1993	12 726	15 114	15 535	14 999	14 958	16 041	13 999	15 885	16 634	16 527	16 076	14 962	43 375	45 998	46 518	47 565	183 456
1994	14 207	15 777	16 592	15 850	16 414	17 627	15 270	17 287	17 852	18 035	17 151	15 891	46 576	49 891	50 409	51 077	197 953
1995	15 557	16 792	17 500	16 673	16 820	18 120	15 584	18 101	18 721	18 547	17 174	15 520	49 849	51 613	52 386	51 241	205 089
1996	14 563	15 906	17 397	17 072	17 568	19 168	16 689	18 618	19 606	19 489	18 253	16 483	47 866	53 808	54 913	54 225	210 812
1997	16 054	17 884	19 021	18 820	18 701	20 563	18 256	19 491	21 259	20 317	19 144	18 236	52 959	58 084	59 006	57 697	227 746
Seasonally Adjusted—Millions of Dollars																	
1987	10 848	11 261	11 216	11 148	11 115	11 450	11 775	11 747	12 078	12 112	12 125	12 356	33 325	33 713	35 600	36 593	(X)
1988	11 664	11 992	12 100	12 310	11 986	12 170	12 144	11 850	12 410	12 236	12 579	13 015	35 756	36 466	36 404	37 830	(X)
1989	12 704	12 635	12 560	12 583	12 817	12 715	12 377	12 911	12 638	12 872	12 832	12 716	37 899	38 115	37 926	38 420	(X)
1990	13 014	13 081	12 904	12 916	13 214	13 029	12 956	13 069	12 653	12 654	12 370	12 172	38 999	39 159	38 678	37 196	(X)
1991	12 099	12 025	11 595	12 359	12 534	12 546	12 747	12 783	12 602	12 676	12 697	12 270	35 719	37 439	38 132	37 643	(X)
1992	13 166	13 216	13 574	13 554	13 392	13 775	13 966	13 799	14 100	13 976	13 908	14 369	39 956	40 721	41 865	42 253	(X)
1993	14 374	15 311	15 253	15 039	14 978	14 965	15 048	15 184	15 410	15 485	16 018	16 225	44 938	44 982	45 642	47 728	(X)
1994	16 044	16 054	16 267	16 002	16 450	16 460	16 392	16 566	16 494	16 830	17 032	17 183	48 365	48 912	49 452	51 045	(X)
1995	17 655	17 213	17 074	16 888	16 895	16 922	16 704	17 411	17 269	17 250	17 048	16 718	51 942	50 705	51 384	51 016	(X)
1996	16 590	16 445	16 932	17 249	17 656	17 827	17 723	17 970	18 034	18 171	18 210	17 732	49 967	52 732	53 727	54 113	(X)
1997	18 317	18 565	18 517	18 932	18 805	19 042	19 287	18 908	19 498	19 088	19 151	19 493	55 399	56 779	57 693	57 732	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	3.0	3.8	–.4	–.6	–.3	3.0	2.8	–.2	2.8	.3	.1	1.9	4.1	1.2	5.6	2.8	(X)
1988	–5.6	2.8	.9	1.7	–2.6	1.5	–.2	–2.4	4.7	–1.4	2.8	3.5	–2.3	2.0	–.2	3.9	(X)
1989	–2.4	–.5	–.6	.2	1.9	–.8	–2.7	4.3	–2.1	1.9	–.3	–.9	.2	.6	–.5	1.3	(X)
1990	2.3	.5	–1.4	.1	2.3	–1.4	–.6	.9	–3.2	–	–2.2	–1.6	1.5	.4	–1.2	–3.8	(X)
1991	–.6	–.6	–3.6	6.6	1.4	.1	1.6	.3	–1.4	.6	.2	–3.4	–4.0	4.8	1.9	–1.3	(X)
1992	7.3	.4	2.7	–.1	–1.2	2.9	1.4	–1.2	2.2	–.9	–.5	3.3	6.1	1.9	2.8	.9	(X)
1993	–	6.5	–.4	–1.4	–.4	–.1	.6	.9	1.5	.5	3.4	1.3	6.4	.1	1.5	4.6	(X)
1994	–1.1	.1	1.3	–1.6	2.8	.1	–.4	1.1	–.4	2.0	1.2	.9	1.3	1.1	1.1	3.2	(X)
1995	2.7	–2.5	–.8	–1.1	–	.2	–1.3	4.2	–.8	–.1	–1.2	–1.9	1.8	–2.4	1.3	–.7	(X)
1996	–.8	–.9	3.0	1.9	2.4	1.0	–.6	1.4	.4	.8	.2	–2.6	–2.1	5.5	1.9	.7	(X)
1997	3.3	1.4	–.3	2.2	–.7	1.3	1.3	–2.0	3.1	–2.1	.3	1.8	2.4	2.5	1.6	.1	(X)
NONDURABLE GOODS INDUSTRIES, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	86 955	95 341	98 120	95 545	96 533	102 674	95 048	99 635	106 375	103 122	100 701	98 325	280 416	294 752	301 058	302 148	1 178 374
1988	94 990	101 472	106 137	103 531	104 279	111 358	101 750	109 248	114 006	110 642	108 749	107 769	302 599	319 168	325 004	327 160	1 273 931
1989	105 078	111 752	115 105	113 869	114 541	119 427	107 629	115 240	119 412	117 061	113 653	109 708	331 935	347 837	342 281	340 422	1 362 475
1990	107 776	114 193	119 262	115 276	116 306	121 399	111 319	123 828	129 213	128 895	124 092	115 356	341 231	352 981	364 360	368 343	1 426 915
1991	110 955	116 138	118 031	116 462	119 210	122 901	113 565	121 624	126 533	125 364	121 473	113 913	345 124	358 573	361 722	360 750	1 426 169
1992	108 958	116 072	121 971	120 199	121 042	129 665	119 412	122 537	131 469	127 148	123 669	120 719	347 001	370 906	373 418	371 536	1 462 861
1993	114 752	122 572	128 525	123 387	123 769	132 155	119 527	126 168	132 623	128 930	125 229	119 353	365 849	379 311	378 318	373 512	1 496 990
1994	114 133	123 011	130 413	125 178	127 986	135 610	123 346	135 843	139 940	136 314	134 804	131 865	367 557	388 774	399 129	402 983	1 558 443
1995	126 352	135 455	140 661	136 323	139 094	146 318	132 676	144 157	147 584	144 036	140 115	134 863	402 468	421 735	424 417	419 014	1 667 634
1996	128 493	136 726	142 193	141 601	143 597	147 103	137 850	147 255	150 462	150 004	146 500	139 517	407 412	432 301	435 567	436 021	1 711 301
1997	135 900	143 596	146 967	145 982	146 989	151 806	142 415	151 677	156 247	154 392	149 513	145 236	426 463	444 777	450 339	449 141	1 770 720
Seasonally Adjusted—Millions of Dollars																	
1987	93 384	95 771	95 917	96 459	97 026	98 294	99 891	98 453	99 975	100 422	101 038	101 187	285 072	291 779	298 319	302 647	(X)
1988	101 920	102 225	103 936	104 384	104 723	106 701	106 868	107 661	107 405	107 356	108 828	111 523	308 081	315 808	321 934	327 707	(X)
1989	112 902	113 006	113 117	114 833	114 788	114 675	112 838	113 296	112 634	112 931	113 060	113 796	339 025	344 296	338 768	339 787	(X)
1990	118 176	116 157	117 529	116 492	116 558	116 707	116 421	121 386	122 225	123 664	122 682	119 945	349 862	349 757	360 032	366 291	(X)
1991	119 970	118 481	116 462	117 842	119 239	117 745	118 262	119 182	119 384	120 429	119 924	118 663	354 913	354 826	356 828	359 016	(X)
1992	118 461	118 583	119 694	121 681	121 003	123 434	124 247	120 143	123 872	122 522	122 562	125 521	356 738	366 118	368 262	370 605	(X)
1993	125 000	125 234	125 998	124 909	123 633	125 746	124 550	123 379	124 907	124 398	124 753	124 031	376 232	374 288	372 836	373 182	(X)
1994	124 215	125 599	127 695	126 571	127 784	129 309	128 775	132 501	132 176	131 918	134 502	137 016	377 509	383 664	393 452	403 436	(X)
1995	137 043	138 188	138 034	137 768	138 763	139 998	138 437	140 458	139 902	139 421	139 685	139 805	413 265	416 529	418 797	418 911	(X)
1996	139 063	139 539	140 142	142 766	143 138	141 244	143 447	143 345	142 867	144 882	145 774	144 575	418 744	427 148	429 659	435 231	(X)
1997	146 846	148 740	145 196	147 116	146 511	146 080	147 847	147 696	148 456	149 096	148 613	150 417	438 782	439 707	443 999	448 126	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.6	2.8	.2	.6	.6	1.3	1.6	–1.4	1.5	.4	.6	.1	3.3	2.4	2.2	1.5	(X)
1988	.7	.3	1.7	.4	.3	1.9	.2	.7	–.2	–	1.4	2.5	1.8	2.5	1.9	1.8	(X)
1989	1.2	.1	.1	1.5	–	–.1	–1.6	.4	–.6	.3	.1	.7	3.5	1.6	–1.6	.3	(X)
1990	2.1	–	1.2	–.9	.1	.1	–.2	4.3	.7	1.2	–.8	–2.2	3.0	–	2.9	1.7	(X)
1991	–	–1.2	–1.7	1.2	1.2	–1.3	.4	.8	.2	.9	–.4	–1.1	–3.1	–	.6	.6	(X)
1992	–.2	.1	.9	1.7	–.6	2.0	.7	–3.3	3.1	–1.1	–	2.4	–.6	2.6	.6	.6	(X)
1993	–.4	.2	.6	–.9	–1.0	1.7	–1.0	–.9	1.2	–.4	.3	–.6	1.5	–.5	–.4	.1	(X)
1994	.1	1.1	1.7	–.9	1.0	1.2	–.4	2.9	–.2	–.2	2.0	1.9	1.2	1.6	2.6	2.5	(X)
1995	–	.8	–.1	–.2	.7	.9	–1.1	1.5	–.4	–.3	.2	.1	2.4	.8	.5	–	(X)
1996	–.5	.3	.4	1.9	.3	–1.3	1.6	–.1	–.3	1.4	.6	–.8	–	2.0	.6	1.3	(X)
1997	1.6	–.1	–1.1	1.3	–.4	–.3	1.2	–.1	.5	.4	–.3	1.2	.8	.2	1.0	.9	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
NONDURABLE GOODS WITH UNFILLED ORDERS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	22 554	24 566	25 123	24 310	24 353	26 060	24 063	25 864	27 057	27 342	26 429	25 803	72 243	74 723	76 984	79 574	303 524
1988	24 997	26 400	27 266	26 958	26 582	27 954	25 501	28 216	29 299	28 888	28 452	28 194	78 663	81 494	83 016	85 534	328 707
1989	26 909	28 851	28 853	28 694	28 380	29 621	26 795	29 517	30 503	30 408	29 748	27 473	84 613	86 695	86 815	87 629	345 752
1990	27 453	29 179	30 035	29 359	28 923	30 014	27 442	30 337	31 072	30 899	30 047	28 117	86 667	88 296	88 851	89 063	352 877
1991	27 086	28 671	28 954	28 324	28 080	29 322	27 444	30 056	31 041	31 389	30 317	28 700	84 711	85 726	88 541	90 406	349 384
1992	27 231	29 031	30 095	29 803	29 100	31 041	29 267	30 609	32 259	32 572	31 378	30 430	86 357	89 944	92 135	94 380	362 816
1993	28 646	30 590	31 280	30 587	30 206	31 364	29 455	31 458	33 091	32 986	31 919	30 133	90 516	92 157	94 004	95 038	371 715
1994	28 391	30 666	31 610	30 492	31 541	33 061	30 716	34 385	35 245	34 802	34 824	33 296	90 667	95 094	100 346	102 922	389 029
1995	32 236	34 790	35 858	34 969	35 481	37 684	34 350	37 887	38 609	37 670	37 054	35 119	102 884	108 134	110 846	109 843	431 707
1996	32 599	34 885	35 598	34 963	34 741	38 631	33 949	36 941	37 687	36 464	36 518	34 976	103 082	106 335	108 577	107 958	425 952
1997	32 655	35 305	35 704	35 074	34 881	37 230	35 187	37 965	39 545	39 217	38 347	37 632	103 664	107 185	112 697	115 196	438 742
Seasonally Adjusted—Millions of Dollars																	
1987	23 989	24 636	24 675	24 602	24 886	25 340	25 864	25 372	25 636	26 076	26 092	26 241	73 300	74 828	76 872	78 409	(X)
1988	26 559	26 489	26 851	27 230	27 200	27 203	27 393	27 596	27 751	27 513	27 984	28 881	79 899	81 633	82 740	84 378	(X)
1989	28 606	29 006	28 459	28 960	29 018	28 906	28 736	28 796	28 845	28 862	29 097	28 284	86 071	86 884	86 377	86 243	(X)
1990	29 302	29 390	29 875	29 617	29 635	29 400	29 295	29 547	29 360	29 246	29 266	29 022	88 367	88 652	88 202	87 534	(X)
1991	29 013	28 958	28 649	28 593	28 784	28 739	29 073	29 275	29 305	29 675	29 481	29 612	86 620	86 116	87 653	88 748	(X)
1992	29 326	29 369	29 761	30 181	29 853	30 458	30 855	29 766	30 444	30 782	30 496	31 285	88 456	90 492	91 065	92 563	(X)
1993	30 998	31 041	30 972	31 087	30 924	30 733	30 972	30 530	31 172	31 244	31 019	30 899	93 011	92 744	92 674	93 162	(X)
1994	30 815	31 147	31 321	31 100	32 243	32 301	32 320	33 253	33 135	33 164	33 874	34 072	93 283	95 644	98 708	101 110	(X)
1995	34 989	35 333	35 585	35 716	36 226	36 705	36 034	36 596	36 289	36 034	36 025	35 802	105 907	108 647	108 919	107 861	(X)
1996	35 414	35 465	35 431	35 723	35 620	35 656	35 651	35 545	35 330	34 899	35 471	35 543	106 310	106 999	106 526	105 913	(X)
1997	35 561	35 973	35 598	35 884	35 859	36 191	36 900	36 478	37 056	37 551	37 323	38 144	107 132	107 934	110 434	113 018	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.3	2.7	.2	–.3	1.2	1.8	2.1	–1.9	1.0	1.7	.1	.6	2.2	2.1	2.7	2.0	(X)
1988	1.2	–.3	1.4	1.4	–.1	–	.7	.7	.6	–.9	1.7	3.2	1.9	2.2	1.4	2.0	(X)
1989	–1.0	1.4	–1.9	1.8	.2	–.4	–.6	.2	.2	.1	.8	–2.8	2.0	.9	–.6	–.2	(X)
1990	3.6	.3	1.0	–.2	.1	–.8	–.4	.9	–.6	–.4	.1	–.8	2.5	.3	–.5	–.8	(X)
1991	–	–.2	–1.1	–.2	.7	–.2	1.2	.7	.1	1.3	–.7	.5	–1.0	–.6	1.8	1.2	(X)
1992	–1.0	.1	1.3	1.4	–1.1	2.0	1.3	–3.5	2.3	1.1	–.9	2.6	–.3	2.3	.6	1.6	(X)
1993	–.9	.1	–.2	.4	–.5	–.6	.8	–1.4	2.1	.2	–.7	–.4	.5	–.3	–.1	.5	(X)
1994	–.3	1.1	.6	–.7	3.7	.2	.1	2.9	–.4	.1	2.1	.6	.1	2.5	3.2	2.4	(X)
1995	2.7	1.0	.7	.4	1.4	1.3	–1.8	1.6	–.8	–.7	–	–.6	4.7	2.6	.3	–1.0	(X)
1996	–1.1	.1	–.1	.8	–.3	.1	–	–.3	–.6	–1.2	1.6	.2	–1.4	.6	–.4	–.6	(X)
1997	.1	1.2	–1.0	.8	–.1	.9	2.0	–1.1	1.6	1.3	–.6	2.2	1.2	.7	2.3	2.3	(X)
FOOD AND KINDRED PRODUCTS, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	24 914	27 012	27 701	28 935	27 095	28 409	26 998	27 084	29 631	28 468	27 726	27 752	79 627	82 439	83 713	83 946	329 725
1988	26 430	27 906	29 211	28 252	29 005	30 937	29 150	29 822	32 075	30 781	30 281	30 234	83 547	88 194	91 047	91 296	354 084
1989	29 236	31 061	32 484	30 951	32 078	32 799	30 013	32 170	33 395	32 887	31 865	31 221	92 781	95 828	95 578	95 973	380 160
1990	29 575	31 841	33 219	31 399	32 962	33 896	31 313	32 988	34 557	34 266	33 191	32 521	94 635	98 257	98 858	99 978	391 728
1991	29 751	32 439	33 581	32 081	33 744	34 468	31 858	33 457	35 135	34 715	33 841	32 823	95 771	100 293	100 450	101 379	397 893
1992	30 123	32 732	34 268	33 463	34 513	34 887	32 409	33 873	36 708	35 400	34 727	33 861	97 123	102 863	102 990	103 988	406 964
1993	31 795	33 686	35 660	34 262	34 743	36 539	33 807	36 232	37 876	36 451	35 744	35 425	101 141	105 544	107 915	107 620	422 220
1994	32 198	35 025	37 049	33 866	35 256	36 934	33 558	36 436	38 328	37 419	37 041	37 853	104 272	106 056	108 322	112 313	430 963
1995	33 675	35 892	37 280	35 585	36 467	37 884	35 189	38 230	40 376	39 497	38 730	38 156	106 847	109 936	113 795	116 383	446 961
1996	35 484	36 914	38 205	37 217	38 555	38 619	37 150	39 425	40 607	40 862	40 110	38 149	110 603	114 391	117 182	119 121	461 297
1997	36 107	37 802	39 473	38 097	39 547	39 884	37 782	40 045	40 822	40 655	40 600	39 633	113 382	117 528	118 649	120 888	470 447
Seasonally Adjusted—Millions of Dollars																	
1987	26 990	27 214	27 076	27 513	27 034	27 386	27 794	27 185	27 799	27 784	27 848	28 030	81 280	81 933	82 778	83 662	(X)
1988	28 630	28 217	28 593	28 839	28 860	29 791	30 049	29 795	30 157	29 985	30 427	30 613	85 440	87 490	90 001	91 025	(X)
1989	31 715	31 437	31 811	31 640	31 840	31 587	31 075	32 039	31 400	31 878	31 895	31 669	94 963	95 067	94 514	95 442	(X)
1990	32 168	32 275	32 542	32 187	32 626	32 699	32 560	32 799	32 536	33 083	33 064	33 029	96 985	97 512	97 895	99 176	(X)
1991	32 423	32 943	32 910	32 977	33 348	33 262	33 207	33 234	33 073	33 449	33 529	33 290	98 276	99 587	99 514	100 268	(X)
1992	32 855	33 361	33 541	34 450	34 128	33 716	33 884	33 596	34 525	34 130	34 356	34 211	99 757	102 294	102 005	102 697	(X)
1993	34 608	34 392	34 873	35 315	34 416	35 403	35 472	35 803	35 613	35 151	35 353	35 588	103 873	105 134	106 888	106 092	(X)
1994	34 984	35 788	36 289	34 882	35 021	35 880	35 262	35 899	36 093	36 068	36 535	37 938	107 061	105 783	107 254	110 541	(X)
1995	36 508	36 722	36 671	36 618	36 288	36 882	36 872	37 563	38 172	38 047	38 072	38 340	109 901	109 788	112 607	114 459	(X)
1996	38 360	37 868	37 723	38 237	38 332	37 639	38 669	38 721	38 601	39 372	39 312	38 524	113 951	114 208	115 991	117 208	(X)
1997	38 858	38 854	39 006	39 084	39 276	38 960	39 164	39 310	38 970	39 315	39 763	40 116	116 718	117 320	117 444	119 194	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.4	.8	–.5	1.6	–1.7	1.3	1.5	–2.2	2.3	–.1	.2	.7	–	.8	1.0	1.1	(X)
1988	2.1	–1.4	1.3	.9	.1	3.2	.9	–.8	1.2	–.6	1.5	.6	2.1	2.4	2.9	1.1	(X)
1989	3.6	–.9	1.2	–.5	.6	–.8	–1.6	3.1	–2.0	1.5	.1	–.7	4.3	.1	–.6	1.0	(X)
1990	1.6	.3	.8	–1.1	1.4	.2	–.4	.7	–.8	1.7	–.1	–.1	1.6	.5	.4	1.3	(X)
1991	–1.8	1.6	–.1	.2	1.1	–.3	–.2	.1	–.5	1.1	.2	–.7	–.9	1.3	–.1	.8	(X)
1992	–1.3	1.5	.5	2.7	–.9	–1.2	.5	–.8	2.8	–1.1	.7	–.4	–.5	2.5	–.3	.7	(X)
1993	1.2	–.6	1.4	1.3	–2.5	2.9	.2	.9	–.5	–1.3	.6	.7	1.1	1.2	1.7	–.7	(X)
1994	–1.7	2.3	1.4	–3.9	.4	2.5	–1.7	1.8	.5	–.1	1.3	3.8	.9	–1.2	1.4	3.1	(X)
1995	–3.8	.6	–.1	–.1	–.9	1.6	–	1.9	1.6	–.3	.1	.7	–.6	–.1	2.6	1.6	(X)
1996	.1	–1.3	–.4	1.4	.2	–1.8	2.7	.1	–.3	2.0	–.2	–2.0	–.4	.2	1.6	1.0	(X)
1997	.9	–	.4	.2	.5	–.8	.5	.4	–.9	.9	1.1	.9	–.4	.5	.1	1.5	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
MEAT PRODUCTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	5 888	5 973	6 118	6 336	6 491	8 672	6 564	6 489	6 855	6 770	6 348	6 498	17 979	19 499	19 908	19 616	77 002
1988	6 093	6 294	6 397	6 415	8 930	7 151	6 802	7 152	7 269	7 348	6 935	7 090	18 784	20 496	21 223	21 373	81 878
1989	6 941	7 298	7 373	7 288	7 719	7 513	7 126	7 562	7 495	7 616	7 144	7 446	21 612	22 520	22 183	22 206	88 521
1990	6 910	7 410	7 695	7 438	7 958	8 029	7 677	8 079	7 975	8 245	7 697	7 789	22 015	23 425	23 731	23 731	92 902
1991	7 220	7 520	7 871	7 581	8 004	8 004	7 493	7 821	7 949	7 888	7 525	7 299	22 611	23 589	23 263	22 712	92 175
1992	7 081	7 351	7 606	7 615	8 254	8 115	7 701	8 037	8 385	8 237	7 892	7 798	22 038	23 984	24 123	23 927	94 072
1993	7 675	7 871	8 267	8 130	8 638	8 718	8 162	8 633	8 721	8 575	8 063	7 989	23 813	25 486	25 516	24 627	99 442
1994	7 726	8 074	8 194	7 822	8 232	8 325	7 946	8 378	8 599	8 503	7 967	8 350	23 994	24 379	24 923	24 820	98 116
1995	7 579	7 983	8 039	8 126	8 190	8 539	8 265	8 709	9 340	8 942	8 706	8 536	23 601	24 855	28 314	26 184	100 954
1996	7 887	8 217	8 415	8 148	8 740	8 639	8 330	8 964	8 762	8 861	8 759	8 381	24 519	25 527	26 056	26 001	102 103
1997	7 794	8 318	8 623	8 325	8 824	8 742	8 592	9 098	8 708	8 700	8 720	8 486	24 735	25 891	26 398	25 906	102 930
Seasonally Adjusted—Millions of Dollars																	
1987	6 217	6 189	6 259	6 522	6 399	6 488	6 583	6 273	6 580	6 496	6 463	6 541	18 665	19 409	19 436	19 500	(X)
1988	6 483	6 504	6 520	6 594	6 778	6 914	6 856	6 915	6 970	7 049	7 110	7 167	19 507	20 286	20 741	21 326	(X)
1989	7 432	7 510	7 468	7 480	7 503	7 259	7 228	7 314	7 184	7 309	7 333	7 533	22 410	22 242	21 726	22 175	(X)
1990	7 444	7 621	7 747	7 630	7 704	7 750	7 817	7 823	7 638	7 923	7 865	7 928	22 812	23 084	23 278	23 716	(X)
1991	7 777	7 765	7 887	7 778	7 747	7 716	7 643	7 577	7 593	7 583	7 655	7 487	23 429	23 241	22 813	22 725	(X)
1992	7 598	7 602	7 607	7 808	8 000	7 814	7 859	7 790	7 999	7 927	8 025	8 032	22 807	23 622	23 648	23 984	(X)
1993	8 198	8 126	8 281	8 340	8 389	8 415	8 335	8 356	8 318	8 258	8 185	8 206	24 605	25 144	25 009	24 649	(X)
1994	8 259	8 297	8 222	8 018	8 005	8 080	8 111	8 102	8 234	8 203	8 029	8 519	24 778	24 103	24 447	24 751	(X)
1995	8 143	8 195	8 063	8 324	7 976	8 335	8 417	8 415	9 003	8 654	8 669	8 665	24 401	24 635	25 835	25 988	(X)
1996	8 513	8 440	8 429	8 344	8 522	8 471	8 442	8 649	8 516	8 620	8 644	8 497	25 382	25 337	25 607	25 761	(X)
1997	8 406	8 542	8 620	8 527	8 616	8 598	8 648	8 771	8 533	8 521	8 592	8 597	25 568	25 741	25 952	25 710	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.2	–.5	1.1	4.2	–1.9	1.4	1.5	–4.7	4.9	–1.3	–.5	1.2	–1.1	4.0	.1	.3	(X)
1988	–.9	.3	.2	1.1	2.8	2.0	–.8	.9	.8	1.1	.9	.8	–	4.0	2.2	2.8	(X)
1989	3.7	1.0	–.6	.2	.3	–3.3	–.4	1.2	–1.8	1.7	.3	2.7	5.1	–.7	–2.3	2.1	(X)
1990	–1.2	2.4	1.7	–1.5	1.0	.6	.9	.1	–2.4	3.7	–.7	.8	2.9	1.2	.8	1.9	(X)
1991	–1.9	–.2	1.6	–1.4	–.4	–.4	–.9	–.9	.2	–.1	.9	–2.2	–1.2	–.8	–1.8	–.4	(X)
1992	1.5	.1	.1	2.6	2.5	–2.3	.6	–.9	2.7	–.9	1.2	.1	.4	3.6	.1	1.4	(X)
1993	2.1	–.9	1.9	.7	.6	.3	–1.0	.3	–.5	–.7	–.9	.3	2.6	2.2	–.5	–1.4	(X)
1994	.6	.5	–.9	–2.5	–.2	.9	.4	–.1	1.6	–.4	–2.1	6.1	.5	–2.7	1.4	1.2	(X)
1995	–4.4	.6	–1.6	3.2	–4.2	4.5	1.0	–	7.0	–3.9	.2	–	–1.4	1.0	4.9	.6	(X)
1996	–1.8	–.9	–.1	–1.0	2.1	–.6	–.3	2.5	–1.5	1.2	.3	–1.7	–2.3	–.2	1.1	.6	(X)
1997	–1.1	1.6	.9	–1.1	1.0	–.2	.6	1.4	–2.7	–.1	.8	.1	–.7	.7	.8	–.9	(X)
DAIRY PRODUCTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 513	3 705	3 758	3 713	3 803	3 917	3 717	3 729	3 822	3 698	3 729	3 651	10 976	11 433	11 268	11 078	44 755
1988	3 556	3 747	3 871	3 752	3 962	4 161	3 983	4 057	4 167	3 996	4 070	4 019	11 174	11 875	12 207	12 085	47 341
1989	3 870	4 029	4 183	4 076	4 241	4 392	4 087	4 458	4 311	4 224	4 415	4 140	12 082	12 709	12 856	12 779	50 426
1990	4 141	4 331	4 499	4 316	4 516	4 580	4 407	4 414	4 368	4 274	4 273	4 036	12 971	13 412	13 189	12 583	52 155
1991	3 932	4 027	4 214	4 163	4 421	4 479	4 291	4 407	4 451	4 359	4 430	4 231	12 173	13 063	13 149	13 020	51 405
1992	3 965	4 196	4 445	4 361	4 544	4 662	4 411	4 544	4 565	4 384	4 458	4 185	12 606	13 567	13 520	13 027	52 720
1993	4 012	4 235	4 479	4 460	4 566	4 821	4 503	4 587	4 664	4 388	4 520	4 292	12 726	13 847	13 754	13 200	53 527
1994	4 076	4 389	4 685	4 354	4 509	4 619	4 304	4 517	4 614	4 453	4 641	4 600	13 150	13 482	13 435	13 694	53 761
1995	4 374	4 567	4 705	4 513	4 609	4 746	4 407	4 663	4 811	4 696	4 958	4 748	13 646	13 868	13 881	14 402	55 797
1996	4 578	4 566	4 743	4 528	4 830	4 941	4 797	5 046	5 123	4 953	5 212	4 806	13 887	14 299	14 966	14 971	58 123
1997	4 793	4 689	5 024	4 655	5 085	4 976	4 759	5 013	5 030	4 942	5 253	5 233	14 506	14 716	14 802	15 428	59 452
Seasonally Adjusted—Millions of Dollars																	
1987	3 706	3 751	3 716	3 758	3 714	3 738	3 690	3 703	3 749	3 736	3 724	3 759	11 173	11 208	11 142	11 219	(X)
1988	3 762	3 804	3 828	3 797	3 869	3 963	3 965	4 013	4 083	4 036	4 054	4 142	11 394	11 629	12 061	12 232	(X)
1989	4 106	4 108	4 136	4 128	4 144	4 177	4 071	4 393	4 217	4 264	4 375	4 274	12 350	12 449	12 681	12 913	(X)
1990	4 408	4 444	4 446	4 377	4 420	4 352	4 387	4 331	4 262	4 311	4 219	4 174	13 298	13 149	12 980	12 704	(X)
1991	4 203	4 145	4 161	4 228	4 332	4 258	4 282	4 313	4 330	4 389	4 359	4 378	12 509	12 816	12 925	13 126	(X)
1992	4 267	4 317	4 371	4 430	4 448	4 429	4 428	4 446	4 433	4 422	4 381	4 325	12 955	13 307	13 307	13 128	(X)
1993	4 319	4 345	4 392	4 536	4 467	4 591	4 563	4 504	4 524	4 430	4 424	4 426	13 056	13 594	13 591	13 280	(X)
1994	4 354	4 491	4 583	4 434	4 412	4 417	4 403	4 452	4 484	4 505	4 519	4 733	13 428	13 263	13 339	13 757	(X)
1995	4 607	4 660	4 594	4 605	4 515	4 569	4 535	4 608	4 693	4 761	4 807	4 880	13 861	13 689	13 836	14 448	(X)
1996	4 753	4 649	4 625	4 631	4 738	4 785	4 940	4 985	5 019	5 035	5 054	4 932	14 027	14 154	14 944	15 021	(X)
1997	4 929	4 767	4 887	4 772	4 988	4 840	4 897	4 948	4 942	5 029	5 117	5 366	14 583	14 600	14 787	15 512	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.4	1.2	–.9	1.1	–1.2	.6	–1.2	.4	1.2	–.3	–.3	.9	1.7	.3	–.6	.7	(X)
1988	.1	1.1	.6	–.8	1.9	2.4	.1	1.2	1.7	–1.2	.4	2.2	1.6	2.1	3.7	1.4	(X)
1989	–.9	–	.7	–.2	.4	.8	–2.5	7.9	–4.0	1.1	2.6	–2.3	1.0	.8	1.9	1.8	(X)
1990	3.1	.8	–	–1.6	1.0	–1.5	.8	–1.3	–1.6	1.1	–2.1	–1.1	3.0	–1.1	–1.3	–2.1	(X)
1991	.7	–1.4	.4	1.6	2.5	–1.8	.6	.7	.4	1.4	–.7	.4	–1.5	2.5	.9	1.6	(X)
1992	–2.5	1.2	1.3	1.3	.4	–.4	–	.4	–.3	–.2	–.9	–1.3	–1.3	2.7	–	–1.3	(X)
1993	–.1	.6	1.1	3.3	–1.5	2.8	–.6	–1.3	.4	–2.1	–.1	–	–.5	4.1	–	–2.3	(X)
1994	–1.6	3.1	2.0	–3.3	–.5	.1	–.3	1.1	.7	.5	.3	4.7	1.1	–1.2	.6	3.1	(X)
1995	–2.7	1.2	–1.4	.2	–2.0	1.2	–.7	1.6	1.8	1.4	1.0	1.5	.8	–1.2	1.1	4.4	(X)
1996	–2.6	–2.2	–.5	.1	2.3	1.0	3.2	.9	.7	.3	.4	–2.4	–2.9	.9	5.6	.5	(X)
1997	–.1	–3.3	2.5	–2.4	4.5	–3.0	1.2	1.0	–.1	1.8	1.7	4.9	–2.9	.1	1.3	4.9	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	BEVERAGES—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	3 340	3 656	3 789	4 165	4 118	4 566	4 230	4 190	4 010	3 941	3 686	3 636	10 785	12 849	12 430	11 263	47 327
1988	3 590	3 650	3 996	4 468	4 409	4 756	4 462	4 546	4 304	4 094	4 102	3 766	11 236	13 633	13 312	11 962	50 143
1989	3 918	3 973	4 284	4 667	4 707	5 048	4 767	4 733	4 343	4 253	4 130	3 795	12 175	14 422	13 843	12 178	52 618
1990	3 829	4 016	4 365	4 472	4 692	5 010	4 668	4 706	4 573	4 380	4 390	4 319	12 210	14 174	13 947	13 089	53 420
1991	3 828	4 118	4 562	4 688	5 170	5 454	5 086	5 040	4 815	4 665	4 474	4 411	12 508	15 312	14 941	13 550	56 311
1992	4 036	4 377	4 964	4 877	5 320	5 475	5 068	5 067	4 939	4 683	4 596	4 555	13 377	15 672	15 074	13 834	57 957
1993	4 146	4 308	4 633	4 734	5 321	5 614	5 173	5 426	5 166	4 626	4 731	4 684	13 087	15 669	15 765	14 041	58 562
1994	4 168	4 567	5 082	5 017	5 517	5 952	5 298	5 591	5 200	5 025	4 958	4 972	13 817	16 486	16 089	14 955	61 347
1995	4 396	4 688	5 256	5 251	5 705	6 131	5 562	6 176	5 609	5 357	5 144	5 123	14 340	17 087	17 347	15 624	64 398
1996	4 801	4 984	5 529	5 729	6 167	6 416	6 121	6 172	5 829	5 579	5 683	5 377	15 314	18 312	18 122	16 639	68 387
1997	4 785	5 181	5 789	5 830	6 282	6 471	6 244	6 382	6 145	6 113	5 829	5 717	15 755	18 583	18 771	17 659	70 768
	Seasonally Adjusted—Millions of Dollars																
1987	3 858	4 013	3 874	3 916	3 876	4 008	3 962	3 927	3 966	3 985	3 921	4 016	11 745	11 800	11 855	11 922	(X)
1988	4 110	4 019	4 085	4 216	4 156	4 173	4 179	4 259	4 246	4 187	4 347	4 121	12 214	12 545	12 684	12 655	(X)
1989	4 487	4 383	4 372	4 455	4 415	4 422	4 459	4 437	4 275	4 369	4 357	4 125	13 242	13 292	13 171	12 851	(X)
1990	4 415	4 435	4 445	4 343	4 353	4 380	4 377	4 408	4 492	4 499	4 618	4 649	13 295	13 076	13 277	13 766	(X)
1991	4 465	4 554	4 633	4 631	4 746	4 760	4 782	4 712	4 726	4 777	4 696	4 721	13 652	14 137	14 220	14 194	(X)
1992	4 737	4 844	5 025	4 871	4 858	4 784	4 798	4 718	4 836	4 797	4 826	4 838	14 608	14 513	14 352	14 461	(X)
1993	4 881	4 772	4 675	4 758	4 862	4 911	4 927	5 027	5 045	4 732	4 964	4 962	14 328	14 531	14 999	14 658	(X)
1994	4 919	5 061	5 121	5 042	5 068	5 213	5 059	5 158	5 069	5 135	5 204	5 258	15 101	15 323	15 286	15 597	(X)
1995	5 185	5 202	5 300	5 262	5 268	5 383	5 298	5 689	5 464	5 457	5 393	5 444	15 687	15 913	16 451	18 294	(X)
1996	5 646	5 542	5 587	5 717	5 711	5 649	5 796	5 689	5 683	5 674	5 953	5 731	16 775	17 077	17 168	17 358	(X)
1997	5 613	5 765	5 855	5 813	5 823	5 711	5 900	5 890	5 995	6 200	6 090	6 108	17 233	17 347	17 785	18 398	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–3.9	4.0	–3.5	1.1	–1.0	3.4	–1.1	–.9	1.0	.5	–1.6	2.4	–1.2	.5	.5	.8	(X)
1988	2.3	–2.2	1.6	3.2	–1.4	.4	.1	1.9	–.3	–1.4	3.8	–5.2	2.4	2.7	1.1	–.2	(X)
1989	8.9	–2.3	–.3	1.9	–.9	.2	.8	–.5	–3.7	2.2	–.3	–5.3	4.6	.4	–.9	–2.4	(X)
1990	7.0	.5	.2	–2.3	.2	.6	–.1	.7	1.9	.2	2.6	.7	3.5	–1.6	1.5	3.7	(X)
1991	–4.0	2.0	1.7	–	2.5	.3	.5	–1.5	.3	1.1	–1.7	.5	–.8	3.6	.8	–.2	(X)
1992	.3	2.3	3.7	–3.1	–.3	–1.5	.3	–1.7	2.5	–.8	.6	.2	2.9	–.6	–1.1	.8	(X)
1993	.9	–2.2	–2.0	1.8	2.2	1.0	.3	2.0	.4	–6.2	4.9	–	–.9	1.4	3.2	–2.3	(X)
1994	–.9	2.9	1.2	–1.5	.5	2.9	–3.0	2.0	–1.7	1.3	1.3	1.0	3.0	1.5	–.2	2.0	(X)
1995	–1.4	.3	1.9	–.7	.1	2.2	–1.6	7.4	–4.0	–.1	–1.2	.9	.8	1.4	3.4	–1.0	(X)
1996	3.7	–1.8	.8	2.3	–.1	–1.1	2.6	–1.8	–.1	–.2	4.9	–3.7	3.0	1.8	.5	1.1	(X)
1997	–2.1	2.7	1.6	–.7	.2	–1.9	3.3	–.2	1.8	3.4	–1.8	.3	–.7	.7	2.5	3.4	(X)
	ALL OTHER FOODS, EXCEPT FATS AND OILS—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	10 934	12 396	12 717	11 464	11 473	11 964	11 092	11 391	13 580	12 702	12 558	12 489	36 047	34 901	36 063	37 749	144 760
1988	11 595	12 600	13 290	12 014	12 155	13 095	11 869	12 344	14 500	13 571	13 424	13 577	37 485	37 264	38 713	40 572	154 034
1989	12 753	13 981	14 579	13 088	13 606	14 094	12 406	13 746	15 626	15 035	14 371	14 115	41 313	40 788	41 778	43 521	167 400
1990	13 089	14 435	15 016	13 569	14 169	14 527	13 005	14 153	15 973	15 674	15 030	14 655	42 540	42 265	43 131	45 359	173 295
1991	13 240	15 118	15 341	14 085	14 555	14 994	13 531	14 500	16 248	16 151	15 742	15 178	43 699	43 634	44 279	47 071	178 683
1992	13 502	15 273	15 753	15 053	14 894	15 049	13 749	14 696	17 140	16 528	16 171	15 682	44 528	44 996	45 585	48 381	183 490
1993	14 333	15 629	16 620	15 315	14 673	15 697	14 331	15 871	17 684	17 155	16 578	16 735	46 582	45 685	47 886	50 468	190 621
1994	14 472	16 213	17 299	15 035	15 311	16 308	14 450	16 232	18 224	17 769	17 548	18 103	47 984	46 654	48 906	53 420	196 964
1995	15 503	16 814	17 339	15 932	16 307	16 792	15 373	16 990	18 944	18 591	17 868	17 831	49 656	49 031	51 307	54 290	204 284
1996	16 318	17 256	17 709	16 886	16 997	16 785	15 996	17 298	18 856	19 397	18 348	17 450	51 283	50 668	52 150	55 195	209 296
1997	16 747	17 590	18 020	17 172	17 408	17 807	16 297	17 587	18 925	18 813	18 646	17 844	52 357	52 387	52 809	55 303	212 856
	Seasonally Adjusted—Millions of Dollars																
1987	11 970	11 979	11 908	12 060	11 835	11 864	12 164	11 997	12 140	12 210	12 335	12 236	35 857	35 759	36 301	36 781	(X)
1988	12 679	12 275	12 503	12 629	12 508	12 967	13 015	12 885	13 023	12 941	13 166	13 401	37 457	38 104	38 923	39 508	(X)
1989	13 936	13 656	13 770	13 745	13 973	13 977	13 690	14 224	14 104	14 177	14 025	14 012	41 362	41 695	42 018	42 214	(X)
1990	14 295	14 126	14 260	14 233	14 522	14 467	14 423	14 601	14 476	14 657	14 561	14 556	42 681	43 222	43 500	43 774	(X)
1991	14 447	14 823	14 636	14 776	14 929	14 993	15 043	14 943	14 752	15 048	15 149	15 000	43 906	44 698	44 738	45 197	(X)
1992	14 714	15 063	15 038	15 784	15 321	15 103	15 319	15 113	15 578	15 416	15 514	15 375	44 815	48 208	46 010	46 305	(X)
1993	15 581	15 506	15 864	16 058	15 153	15 797	16 009	16 201	16 085	16 024	15 928	16 269	46 951	47 008	48 295	48 221	(X)
1994	15 696	16 157	16 574	15 750	15 849	16 440	16 129	16 469	16 615	18 556	16 856	17 600	48 427	48 039	49 213	51 012	(X)
1995	16 750	16 825	16 773	16 664	16 873	16 919	17 040	17 159	17 340	17 264	17 149	17 433	50 348	50 456	51 539	51 846	(X)
1996	17 548	17 346	17 273	17 619	17 540	16 896	17 585	17 453	17 346	17 971	17 553	17 229	52 167	52 055	52 384	52 753	(X)
1997	17 922	17 756	17 627	17 857	17 901	17 923	17 829	17 736	17 486	17 478	17 812	17 692	53 305	53 681	53 051	52 982	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	.3	.1	–.6	1.3	–1.9	.2	2.5	–1.4	1.2	.8	1.0	–.8	.8	–.3	1.5	1.3	(X)
1988	3.6	–3.2	1.9	1.0	–1.0	3.7	.4	–1.0	1.1	–.6	1.7	1.8	1.8	1.7	2.1	1.5	(X)
1989	4.0	–2.0	.8	–.2	1.7	–	–2.1	3.9	–.8	.5	–1.1	–.1	4.7	.8	.8	.5	(X)
1990	2.0	–1.2	.9	–.2	2.0	–.4	–.3	1.2	–.9	1.3	–.7	–	1.1	1.3	.6	.6	(X)
1991	–.7	2.6	–1.3	1.0	1.0	.4	.3	–.7	–1.3	2.0	.7	–1.0	.3	1.8	.1	1.0	(X)
1992	–1.9	2.4	–.2	5.0	–2.9	–1.4	1.4	–1.3	3.1	–1.0	.6	–.9	–.8	3.1	–.4	.6	(X)
1993	1.3	–.5	2.3	1.2	–5.6	4.2	1.3	1.2	–.7	–.4	–.6	2.1	1.4	.1	2.7	–.2	(X)
1994	–3.5	2.9	2.6	–5.0	.6	3.7	–1.9	2.1	.9	–.4	1.8	4.4	.4	–.8	2.4	3.7	(X)
1995	–4.8	.4	–.3	–.6	1.3	.3	.7	.7	1.1	–.4	–.7	1.7	–1.3	.2	2.1	.6	(X)
1996	.7	–1.2	–.4	2.0	–.4	–3.7	4.1	–.8	–.6	3.8	–2.3	–1.8	.6	–.2	.6	.7	(X)
1997	4.0	–.9	–.7	1.3	.2	.1	–.5	–.5	–1.4	–	1.9	–.7	1.0	.7	–1.2	–.1	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	TOBACCO PRODUCTS—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	873	1 437	1 861	1 305	1 876	2 227	1 290	1 673	2 193	1 477	2 080	2 465	4 171	5 408	5 158	6 022	20 757
1988	1 062	1 534	2 262	1 557	2 345	2 389	1 382	1 868	2 513	1 824	2 412	2 663	4 858	6 291	5 761	6 899	23 809
1989	1 261	1 670	2 552	1 882	2 367	2 540	1 402	2 037	2 528	2 231	2 615	2 790	5 483	8 789	5 967	7 636	25 875
1990	1 505	1 912	2 731	2 355	2 833	2 685	1 828	2 650	2 877	2 603	3 375	2 502	6 148	7 873	7 355	8 480	29 858
1991	1 641	1 922	3 010	1 928	3 075	3 239	1 944	2 609	3 176	2 600	3 710	3 089	8 573	8 242	7 729	9 399	31 943
1992	1 835	2 117	3 444	1 976	2 656	4 720	2 531	2 053	4 271	2 349	3 259	3 987	7 396	9 352	8 855	9 595	35 198
1993	1 965	2 060	3 503	1 716	2 519	3 039	2 294	1 646	2 746	1 924	2 255	2 716	7 528	7 274	6 688	8 895	28 383
1994	2 319	2 401	2 349	2 501	2 468	2 519	2 338	2 686	2 571	2 515	2 625	2 729	7 069	7 488	7 595	7 869	30 021
1995	2 386	2 612	2 799	2 657	2 979	2 812	2 688	2 796	2 697	2 749	2 988	2 821	7 797	8 448	8 181	8 558	32 984
1996	2 526	2 719	2 954	2 728	2 850	2 869	2 937	3 119	2 814	3 012	2 957	2 997	8 199	8 447	8 870	8 966	34 482
1997	3 048	2 847	3 282	2 912	3 345	3 218	3 179	3 323	3 335	3 430	3 627	3 147	9 177	9 475	9 837	10 204	38 693
	Seasonally Adjusted—Millions of Dollars																
1987	1 379	1 634	1 600	1 574	1 682	1 744	1 763	1 752	1 877	1 676	1 859	1 903	4 613	5 000	5 392	5 438	(X)
1988	1 728	1 817	1 922	1 889	2 064	1 943	1 951	1 954	2 127	1 991	2 067	2 089	5 467	5 896	6 032	6 147	(X)
1989	2 034	2 053	2 172	2 298	2 075	2 121	1 993	2 100	2 157	2 334	2 158	2 267	8 259	8 494	6 250	6 759	(X)
1990	2 362	2 408	2 321	2 955	2 513	2 266	2 494	2 667	2 495	2 728	2 698	2 108	7 091	7 734	7 656	7 534	(X)
1991	2 479	2 446	2 530	2 521	2 807	2 686	2 476	2 615	2 752	2 818	3 014	2 667	7 455	8 014	7 843	8 499	(X)
1992	2 594	2 645	2 873	2 600	2 526	3 915	2 957	2 044	3 728	2 628	2 811	3 502	8 112	9 041	8 729	8 941	(X)
1993	2 547	2 456	2 986	2 154	2 443	2 590	2 510	1 631	2 457	2 138	2 099	2 459	7 989	7 187	6 598	6 696	(X)
1994	2 748	2 685	2 090	2 885	2 412	2 290	2 441	2 602	2 438	2 669	2 545	2 568	7 523	7 587	7 481	7 782	(X)
1995	2 690	2 765	2 604	2 884	2 878	2 700	2 744	2 690	2 673	2 792	2 897	2 767	8 059	8 462	8 107	8 456	(X)
1996	2 799	2 788	2 807	2 887	2 741	2 846	2 971	2 982	2 854	2 966	2 823	3 027	8 394	8 474	8 807	8 816	(X)
1997	3 397	2 870	3 146	3 116	3 167	3 215	3 225	3 194	3 358	3 346	3 399	3 252	9 413	9 498	9 777	9 997	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–19.7	18.5	–2.1	–1.6	6.9	3.7	1.1	–.6	7.1	–10.7	10.9	2.4	–3.9	8.4	7.8	.9	(X)
1988	–9.2	5.2	5.8	–1.7	9.3	–5.9	.4	.2	8.9	–6.4	3.8	1.1	.5	7.8	2.3	1.9	(X)
1989	–2.6	.9	5.8	5.8	–9.7	2.2	–6.0	5.4	2.7	8.2	–7.5	5.1	1.8	3.8	–3.8	8.1	(X)
1990	4.2	1.9	–3.6	27.3	–15.0	–9.8	10.1	6.9	–6.4	9.3	–1.1	–21.9	4.9	9.1	–1.0	–1.6	(X)
1991	17.6	–1.3	3.4	–.4	11.3	–4.3	–7.8	5.6	5.2	2.4	7.0	–11.5	–1.0	7.5	–2.1	8.4	(X)
1992	–2.7	2.0	8.6	–9.5	–2.8	55.0	–24.5	–30.9	82.4	–29.5	7.0	24.6	–4.6	11.5	–3.5	2.4	(X)
1993	–27.3	–3.6	21.6	–27.9	13.4	6.0	–3.1	–35.0	50.6	–13.0	–1.8	17.2	–10.6	–10.0	–8.2	1.5	(X)
1994	11.8	–2.3	–22.2	38.0	–16.4	–5.1	6.6	6.6	–6.3	9.5	–4.6	.9	12.4	.9	–1.4	4.0	(X)
1995	4.8	2.8	–5.8	10.8	–.2	–6.2	1.6	–2.0	–.6	4.5	3.8	–4.5	3.6	5.0	–4.2	4.3	(X)
1996	1.2	–.4	.7	2.9	–5.1	3.8	4.4	.4	–4.3	3.9	–4.8	7.2	–.7	1.0	3.9	.1	(X)
1997	12.2	–15.5	9.6	–1.0	1.6	1.5	.3	–1.0	5.1	–.4	1.6	–4.3	6.8	.9	2.9	2.3	(X)
	TEXTILE MILL PRODUCTS, TOTAL—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	4 284	5 036	5 469	5 064	5 120	5 726	4 655	5 589	5 891	5 710	5 369	4 874	14 789	15 910	16 135	15 953	62 787
1988	4 548	5 183	5 576	5 314	5 349	5 863	4 573	5 596	6 036	5 581	5 563	5 445	15 307	16 526	16 205	16 589	64 627
1989	5 025	5 695	5 914	5 485	5 566	6 068	4 770	5 923	6 100	6 045	5 800	4 874	16 634	17 119	16 793	16 719	67 265
1990	4 906	5 553	5 883	5 444	5 590	6 006	4 619	5 730	5 795	5 737	5 479	4 791	16 342	17 040	16 144	16 007	65 533
1991	4 408	4 954	5 291	5 145	5 339	5 984	4 861	5 966	6 239	6 254	5 874	5 125	14 653	16 468	17 066	17 253	65 440
1992	4 938	5 555	6 024	5 736	5 791	6 558	5 247	6 290	6 667	6 328	6 060	5 559	16 517	18 085	18 204	17 947	70 753
1993	5 427	5 982	8 181	5 918	6 111	6 837	5 487	6 645	6 776	6 618	6 365	5 608	17 590	18 866	18 908	18 591	73 955
1994	5 310	6 168	6 718	6 155	6 472	7 266	5 759	7 025	7 297	6 976	6 684	6 197	18 196	19 893	20 081	19 857	78 027
1995	5 828	6 555	7 151	6 418	6 720	7 388	5 824	7 122	7 412	6 845	6 684	5 927	19 534	20 526	20 358	19 456	79 874
1996	5 425	6 341	7 007	8 269	6 719	7 754	6 002	7 095	7 520	6 982	6 840	6 289	18 773	20 742	20 617	20 111	80 243
1997	5 913	6 841	7 409	6 723	7 010	7 624	6 357	7 346	7 828	7 312	7 138	6 370	20 163	21 357	21 531	20 820	83 871
	Seasonally Adjusted—Millions of Dollars																
1987	4 932	5 104	5 157	5 141	5 168	5 304	5 421	5 339	5 350	5 295	5 330	5 185	15 193	15 613	16 110	15 810	(X)
1988	5 231	5 261	5 315	5 426	5 388	5 388	5 316	5 332	5 475	5 161	5 461	5 864	15 807	16 202	16 123	16 486	(X)
1989	5 802	5 786	5 685	5 623	5 606	5 542	5 536	5 615	5 532	5 577	5 625	5 323	17 273	16 771	16 683	16 525	(X)
1990	5 678	5 671	5 681	5 595	5 624	5 458	5 331	5 403	5 259	5 309	5 300	5 275	17 030	16 677	15 993	15 884	(X)
1991	5 115	5 073	5 113	5 285	5 362	5 420	5 570	5 603	5 654	5 812	5 687	5 668	15 301	16 067	16 827	17 167	(X)
1992	5 737	5 700	5 797	5 903	5 816	5 935	5 958	5 889	6 037	5 940	5 914	6 143	17 234	17 654	17 884	17 997	(X)
1993	6 313	6 147	5 917	6 106	6 129	6 175	6 190	6 199	6 121	6 248	6 246	6 170	18 377	18 410	18 510	18 664	(X)
1994	6 200	6 353	6 390	6 381	6 474	6 561	6 483	6 557	6 568	6 642	6 600	6 795	18 943	19 416	19 608	20 037	(X)
1995	6 805	6 756	8 760	6 676	6 700	6 651	6 545	6 677	6 658	6 546	6 606	6 512	20 321	20 027	19 880	19 664	(X)
1996	6 330	6 538	6 604	6 538	6 680	6 965	6 737	6 695	6 753	6 683	6 764	6 909	19 472	20 183	20 185	20 356	(X)
1997	6 883	7 054	6 971	7 020	6 969	6 842	7 117	6 959	7 031	6 998	7 050	7 012	20 908	20 831	21 107	21 060	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–1.1	3.5	1.0	–.3	.5	2.6	2.2	–1.5	.2	–1.0	.7	–2.7	2.9	2.8	3.2	–1.9	(X)
1988	.9	.6	1.0	2.1	–.7	–	–1.3	.3	2.7	–5.7	5.8	7.4	–	2.5	–.5	2.3	(X)
1989	–1.1	–.3	–1.7	–1.1	–.3	–1.1	–.1	1.4	–1.5	.8	.9	–5.4	4.8	–2.9	–.5	–.9	(X)
1990	6.7	–.1	.2	–1.5	.5	–3.0	–2.3	1.4	–2.7	1.0	–.2	–.5	3.1	–2.1	–4.1	–.7	(X)
1991	–3.0	–.8	.8	3.4	1.5	1.1	2.8	.6	.9	2.8	–2.2	–.3	–3.7	5.0	4.7	2.0	(X)
1992	1.2	–.6	1.7	1.8	–1.5	2.0	.4	–1.2	2.5	–1.6	–.4	3.9	.4	2.4	1.3	.6	(X)
1993	2.8	–2.6	–3.7	3.2	.4	.8	.2	.1	–1.3	2.1	–	–1.2	2.1	.2	.5	.8	(X)
1994	.5	2.5	.6	–.1	1.5	1.3	–1.2	1.1	.2	1.1	–.6	3.0	1.5	2.5	1.0	2.2	(X)
1995	.1	–.7	.1	–1.2	.4	–.7	–1.6	2.0	–.3	–1.7	.9	–1.4	1.4	–1.4	–.7	–1.1	(X)
1996	–2.8	3.3	1.0	–1.0	2.2	4.3	–3.3	–.6	.9	–1.0	1.2	2.1	–1.0	3.7	–	.8	(X)
1997	–.4	2.5	–1.2	.7	–.7	–1.8	4.0	–2.2	1.0	–.5	.7	–.5	2.7	–.4	1.3	–.2	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
BROADWOVEN FABRICS AND OTHER TEXTILES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	2 692	3 174	3 409	3 099	3 209	3 592	2 811	3 468	3 773	3 578	3 407	3 249	9 275	9 900	10 052	10 234	39 461
1988	2 985	3 327	3 563	3 485	3 562	3 739	2 789	3 527	3 838	3 422	3 419	3 546	9 875	10 786	10 154	10 387	41 202
1989	3 149	3 599	3 707	3 458	3 607	3 744	2 915	3 586	3 765	3 763	3 581	3 099	10 455	10 809	10 266	10 443	41 973
1990	3 092	3 450	3 668	3 438	3 494	3 665	2 849	3 642	3 720	3 572	3 407	3 079	10 210	10 597	10 211	10 058	41 076
1991	2 847	3 144	3 367	3 205	3 450	3 698	3 019	3 788	3 959	3 819	3 604	3 348	9 358	10 353	10 766	10 771	41 248
1992	3 162	3 543	3 819	3 612	3 696	4 035	3 166	3 890	4 145	3 785	3 608	3 479	10 524	11 343	11 201	10 872	43 940
1993	3 483	3 780	3 915	3 728	3 862	4 058	3 302	3 967	4 159	3 892	3 799	3 632	11 178	11 648	11 428	11 323	45 577
1994	3 309	3 868	4 237	3 794	4 105	4 461	3 455	4 289	4 477	4 196	4 116	4 047	11 414	12 360	12 221	12 359	48 354
1995	3 737	4 205	4 581	4 048	4 288	4 511	3 448	4 389	4 609	4 150	4 052	3 784	12 523	12 847	12 446	11 986	49 802
1996	3 518	3 983	4 433	3 937	4 228	4 675	3 549	4 369	4 633	4 133	4 071	4 013	11 934	12 840	12 551	12 217	49 542
1997	3 713	4 237	4 717	4 158	4 336	4 521	3 729	4 367	4 706	4 413	4 174	4 036	12 667	13 015	12 802	12 623	51 107
Seasonally Adjusted—Millions of Dollars																	
1987	3 034	3 186	3 172	3 176	3 189	3 321	3 406	3 378	3 411	3 381	3 438	3 320	9 392	9 686	10 195	10 139	(X)
1988	3 372	3 347	3 375	3 569	3 528	3 457	3 352	3 408	3 466	3 221	3 416	3 679	10 094	10 554	10 226	10 316	(X)
1989	3 569	3 626	3 548	3 545	3 561	3 461	3 483	3 433	3 403	3 529	3 545	3 269	10 743	10 567	10 319	10 343	(X)
1990	3 517	3 483	3 528	3 529	3 439	3 386	3 375	3 448	3 366	3 365	3 372	3 280	10 528	10 354	10 189	10 017	(X)
1991	3 250	3 179	3 234	3 289	3 389	3 409	3 548	3 570	3 579	3 631	3 582	3 583	9 663	10 087	10 697	10 796	(X)
1992	3 621	3 584	3 638	3 705	3 624	3 720	3 692	3 667	3 745	3 649	3 613	3 707	10 843	11 049	11 104	10 969	(X)
1993	3 991	3 825	3 687	3 821	3 776	3 737	3 843	3 751	3 756	3 794	3 824	3 852	11 503	11 334	11 350	11 470	(X)
1994	3 800	3 915	3 940	3 892	4 004	4 105	4 022	4 061	4 044	4 134	4 165	4 276	11 655	12 001	12 127	12 575	(X)
1995	4 284	4 257	4 218	4 155	4 179	4 147	4 021	4 167	4 162	4 102	4 118	4 004	12 759	12 481	12 350	12 224	(X)
1996	4 023	4 027	4 050	4 045	4 117	4 294	4 142	4 168	4 186	4 087	4 159	4 248	12 100	12 456	12 496	12 494	(X)
1997	4 224	4 280	4 293	4 274	4 225	4 151	4 350	4 191	4 254	4 343	4 273	4 280	12 797	12 650	12 795	12 896	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.2	5.0	–.4	.1	.4	4.1	2.6	–.8	1.0	–.9	1.7	–3.4	3.5	3.1	5.3	–.5	(X)
1988	1.6	–.7	.8	5.7	–1.1	–2.0	–3.0	1.7	1.7	–7.1	6.1	7.7	–.4	4.6	–3.1	.9	(X)
1989	–3.0	1.6	–2.2	–.1	.5	–2.8	.6	–1.4	–.9	3.7	.5	–7.8	4.1	–1.6	–2.3	.2	(X)
1990	7.6	–1.0	1.3	–	–2.6	–1.5	–.3	2.2	–2.4	–	.2	–2.7	1.8	–1.7	–1.6	–1.7	(X)
1991	–.9	–2.2	1.7	1.7	3.0	.6	4.1	.6	.3	1.5	–1.3	–	–3.5	4.4	6.0	.9	(X)
1992	1.1	–1.0	1.5	1.8	–2.2	2.6	–.8	–.7	2.1	–2.6	–1.0	2.6	.4	1.9	.5	–1.2	(X)
1993	7.7	–4.2	–3.6	3.6	–1.2	–1.0	2.8	–2.4	.1	1.0	.8	.7	4.9	–1.5	.1	1.1	(X)
1994	–1.3	3.0	.6	–1.2	2.9	2.5	–2.0	1.0	–.4	2.2	.7	2.7	1.6	3.0	1.0	3.7	(X)
1995	.2	–.6	–.9	–1.5	.6	–.8	–3.0	3.6	–.1	–1.4	.4	–2.8	1.5	–2.2	–1.0	–1.0	(X)
1996	.5	.1	.6	–.1	1.8	4.3	–3.5	.6	.4	–2.4	1.8	2.1	–1.0	2.9	.3	–	(X)
1997	–.6	1.3	.3	–.4	–1.1	–1.8	4.8	–3.7	1.5	2.1	–1.6	.2	2.4	–1.1	1.1	.8	(X)
PAPER AND ALLIED PRODUCTS, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	8 360	9 067	8 990	8 837	8 737	9 421	8 949	9 157	9 504	9 496	9 170	9 301	26 417	26 995	27 610	27 967	108 989
1988	9 516	9 922	10 013	10 018	9 998	10 724	9 895	10 558	10 695	10 637	10 353	10 553	29 451	30 740	31 148	31 543	122 882
1989	10 858	11 111	11 265	11 050	10 992	11 607	10 608	10 949	11 205	11 149	10 812	10 290	33 234	33 649	32 762	32 251	131 896
1990	10 694	11 077	11 313	10 840	11 000	11 402	10 799	11 333	11 309	11 304	10 892	10 461	33 084	33 242	33 441	32 657	132 424
1991	10 536	10 860	10 770	10 533	10 518	11 380	10 681	11 141	11 305	11 225	10 679	10 503	32 166	32 431	33 127	32 407	130 131
1992	10 602	11 004	11 211	10 895	10 780	11 622	11 092	11 403	11 527	11 275	10 857	10 933	32 817	33 297	34 022	33 065	133 201
1993	10 692	10 980	11 290	10 838	11 008	11 578	10 881	11 236	11 698	11 237	11 037	10 788	32 962	33 424	33 815	33 062	133 263
1994	10 581	11 291	11 546	11 041	11 529	12 245	11 559	12 819	12 811	12 890	12 868	12 669	33 418	34 815	36 989	38 427	143 649
1995	13 262	14 228	14 523	14 036	14 782	15 742	14 233	15 145	15 126	14 728	14 244	13 667	42 013	44 560	44 504	42 639	173 716
1996	13 283	13 892	13 748	13 279	13 424	13 897	13 065	13 471	13 553	13 375	12 993	12 681	40 923	40 600	40 089	39 049	160 661
1997	12 638	13 249	13 087	13 193	13 077	13 832	13 108	13 635	14 229	14 311	13 706	13 927	38 974	40 102	40 972	41 944	161 992
Seasonally Adjusted—Millions of Dollars																	
1987	8 523	8 862	8 807	8 782	8 843	8 967	9 323	9 055	9 315	9 402	9 446	9 628	26 192	26 592	27 693	28 476	(X)
1988	9 692	9 756	9 822	10 005	10 122	10 228	10 274	10 425	10 466	10 515	10 615	10 917	29 270	30 355	31 165	32 047	(X)
1989	11 068	10 983	11 049	11 115	11 121	11 089	10 968	10 794	10 918	10 987	11 033	10 689	33 100	33 325	32 680	32 709	(X)
1990	10 950	10 991	11 105	10 961	11 136	10 897	11 106	11 140	11 000	11 116	11 078	10 878	33 046	32 994	33 246	33 072	(X)
1991	10 840	10 815	10 574	10 692	10 659	10 873	10 918	10 926	10 969	11 021	10 853	10 915	32 229	32 224	32 813	32 789	(X)
1992	10 966	10 985	11 001	11 096	10 908	11 101	11 316	11 174	11 183	11 080	11 017	11 327	32 952	33 105	33 673	33 424	(X)
1993	11 093	10 967	11 079	11 088	11 106	11 057	11 114	11 007	11 331	11 052	11 176	11 155	33 139	33 251	33 452	33 383	(X)
1994	11 004	11 253	11 344	11 334	11 593	11 698	11 854	12 363	12 399	12 680	12 987	13 096	33 601	34 625	36 616	38 763	(X)
1995	13 805	14 165	14 309	14 404	14 827	15 065	14 613	14 861	14 630	14 469	14 353	14 102	42 279	44 296	44 104	42 924	(X)
1996	13 829	13 841	13 582	13 589	13 489	13 310	13 436	13 227	13 090	13 096	13 101	13 089	41 252	40 388	39 753	39 286	(X)
1997	13 148	13 216	12 968	13 455	13 168	13 248	13 464	13 408	13 733	13 987	13 847	14 364	39 332	39 871	40 605	42 198	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.4	4.0	–.6	–.3	.7	1.4	4.0	–2.9	2.9	.9	.5	1.9	2.7	1.5	4.1	2.8	(X)
1988	.7	.7	.7	1.9	1.2	1.0	.4	1.5	.4	.5	1.0	2.8	2.8	3.7	2.7	2.8	(X)
1989	1.4	–.8	.6	.6	.1	–.3	–1.1	–1.6	1.1	.6	.4	–3.1	3.3	.7	–1.9	.1	(X)
1990	2.4	.4	1.0	–1.3	1.6	–2.1	1.9	.3	–1.3	1.1	–.3	–1.8	1.0	–.2	.8	–.5	(X)
1991	–.3	–.2	–2.2	1.1	–.3	2.0	.4	.1	.4	.5	–1.5	.6	–2.5	–	1.8	–.1	(X)
1992	.5	.2	.1	.9	–1.7	1.8	1.9	–1.3	.1	–.9	–.6	2.8	.5	.5	1.7	–.7	(X)
1993	–2.1	–1.1	1.0	.1	.2	–.4	.5	–1.0	2.9	–2.5	1.1	–.2	–.9	.3	.6	–.2	(X)
1994	–1.4	2.3	.8	–.1	2.3	.9	1.3	4.3	.3	2.3	2.4	.8	.7	3.0	5.8	5.9	(X)
1995	5.4	2.6	1.0	.7	2.9	1.6	–3.0	1.7	–1.6	–1.1	–.8	–1.7	9.1	4.8	–.4	–2.7	(X)
1996	–1.9	.1	–1.9	.1	–.7	–1.3	.9	–1.6	–1.0	–	–	–.1	–3.9	–2.1	–1.6	–1.2	(X)
1997	.5	.5	–1.9	3.8	–2.1	.6	1.6	–.4	2.4	1.8	–1.0	3.7	.1	1.4	1.8	3.9	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
PULP, PAPER, AND PAPERBOARD MILL PRODUCTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 659	3 824	3 872	3 780	3 718	3 900	3 912	3 930	4 005	4 081	4 058	4 222	11 355	11 398	11 847	12 361	46 961
1988	4 268	4 503	4 510	4 549	4 456	4 651	4 462	4 693	4 715	4 672	4 644	4 805	13 281	13 656	13 870	14 121	54 928
1989	4 928	5 058	4 996	4 939	4 926	5 061	4 738	4 843	4 797	4 790	4 720	4 470	14 982	14 926	14 378	13 980	58 266
1990	4 640	4 860	4 928	4 698	4 800	4 870	4 715	4 928	4 926	4 840	4 722	4 634	14 428	14 368	14 569	14 196	57 561
1991	4 571	4 655	4 570	4 333	4 372	4 815	4 403	4 497	4 522	4 533	4 383	4 337	13 796	13 320	13 422	13 253	53 791
1992	4 311	4 551	4 631	4 487	4 465	4 786	4 575	4 614	4 653	4 492	4 468	4 359	13 493	13 738	13 842	13 319	54 392
1993	4 228	4 353	4 402	4 301	4 350	4 581	4 365	4 387	4 441	4 349	4 457	4 336	12 983	13 232	13 193	13 142	52 550
1994	4 216	4 473	4 566	4 348	4 609	4 888	4 703	5 110	5 173	5 266	5 493	5 363	13 255	13 845	14 986	16 122	58 208
1995	5 732	6 230	6 443	6 318	6 634	6 979	8 559	6 843	6 742	6 406	6 246	6 018	18 405	19 931	20 144	18 670	77 150
1996	5 644	5 668	5 563	5 399	5 481	5 694	5 343	5 414	5 477	5 350	5 168	5 144	18 875	16 574	18 234	15 662	65 345
1997	4 973	5 257	5 366	5 307	5 166	5 349	5 323	5 447	5 693	5 734	5 563	5 583	15 596	15 822	18 463	16 880	64 781
Seasonally Adjusted—Millions of Dollars																	
1987	3 699	3 711	3 762	3 715	3 771	3 789	4 058	3 927	4 000	4 110	4 162	4 262	11 172	11 275	11 985	12 534	(X)
1988	4 297	4 379	4 409	4 512	4 515	4 529	4 607	4 679	4 696	4 685	4 745	4 856	13 085	13 556	13 982	14 286	(X)
1989	4 963	4 932	4 903	4 963	4 974	4 923	4 872	4 818	4 753	4 777	4 797	4 533	14 798	14 860	14 443	14 107	(X)
1990	4 707	4 759	4 849	4 768	4 845	4 720	4 816	4 889	4 861	4 810	4 770	4 714	14 315	14 333	14 566	14 294	(X)
1991	4 675	4 590	4 504	4 426	4 422	4 451	4 457	4 450	4 443	4 499	4 409	4 420	13 769	13 299	13 350	13 328	(X)
1992	4 455	4 514	4 566	4 591	4 510	4 594	4 605	4 563	4 559	4 477	4 483	4 442	13 535	13 695	13 727	13 402	(X)
1993	4 397	4 336	4 344	4 406	4 376	4 385	4 389	4 337	4 338	4 348	4 466	4 412	13 077	13 167	13 064	13 226	(X)
1994	4 404	4 464	4 510	4 465	4 612	4 675	4 745	5 051	5 040	5 262	5 502	5 446	13 378	13 752	14 836	16 210	(X)
1995	5 994	6 228	6 371	6 494	6 631	6 686	6 637	6 763	6 554	6 371	6 262	6 092	18 593	19 811	19 954	18 725	(X)
1996	5 902	5 679	5 510	5 542	5 497	5 473	5 410	5 351	5 315	5 287	5 187	5 199	17 091	16 512	16 076	15 673	(X)
1997	5 197	5 269	5 326	5 432	5 208	5 162	5 386	5 382	5 519	5 644	5 587	5 639	15 792	15 802	16 287	16 870	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.2	.3	1.4	−1.2	1.5	.5	7.1	−3.2	1.9	2.7	1.3	2.4	3.2	.9	6.3	4.6	(X)
1988	.8	1.9	.7	2.3	.1	.3	1.7	1.6	.4	−.2	1.3	2.3	4.4	3.6	3.1	2.2	(X)
1989	2.2	−.6	−.6	1.2	.2	−1.0	−1.0	−1.1	−1.3	.5	.4	−5.5	3.6	.4	−2.8	−2.3	(X)
1990	3.8	1.1	1.9	−1.7	1.6	−2.6	2.0	1.5	−.6	−1.0	−.8	−1.2	1.5	.1	1.6	−1.9	(X)
1991	−.8	−1.8	−1.9	−1.7	−.1	.7	.1	−.2	−.2	1.3	−2.0	.2	−3.7	−3.4	.4	−.2	(X)
1992	.8	1.3	1.2	.5	−1.8	1.9	.2	−.9	−.1	−1.8	.1	−.9	1.6	1.2	.2	−2.4	(X)
1993	−1.0	−1.4	.2	1.4	−.7	.2	.1	−1.2	−	.2	2.7	−1.2	−2.4	.7	−.8	1.2	(X)
1994	−.2	1.4	1.0	−1.0	3.3	1.4	1.5	6.4	−.2	4.4	4.6	−1.0	1.1	2.8	7.9	9.3	(X)
1995	10.1	3.9	2.3	1.9	2.1	.8	−.7	1.9	−3.1	−2.8	−1.7	−2.7	14.7	6.6	.7	−6.2	(X)
1996	−3.1	−3.8	−3.0	.6	−.8	−.4	−1.2	−1.1	−.7	−.5	−1.9	.2	−8.7	−3.4	−2.6	−2.5	(X)
1997	−	1.4	1.1	2.0	−4.1	−.9	4.3	−.1	2.5	2.3	−1.0	.9	.8	.1	3.1	3.6	(X)
PAPERBOARD CONTAINERS AND BOXES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 933	2 107	2 124	2 144	2 151	2 355	2 122	2 197	2 280	2 276	2 095	2 079	6 164	6 650	6 599	6 450	25 863
1988	2 158	2 222	2 219	2 301	2 352	2 533	2 250	2 478	2 536	2 510	2 360	2 315	6 599	7 186	7 264	7 185	28 234
1989	2 386	2 546	2 646	2 640	2 590	2 681	2 424	2 645	2 559	2 666	2 499	2 385	7 578	7 911	7 628	7 550	30 667
1990	2 500	2 555	2 609	2 502	2 578	2 591	2 405	2 652	2 613	2 707	2 550	2 374	7 664	7 671	7 670	7 631	30 636
1991	2 476	2 500	2 399	2 561	2 531	2 626	2 523	2 689	2 651	2 769	2 569	2 455	7 375	7 718	7 863	7 793	30 749
1992	2 560	2 628	2 694	2 683	2 708	2 832	2 669	2 837	2 829	2 872	2 733	2 610	7 882	8 223	8 335	8 215	32 655
1993	2 641	2 733	2 844	2 835	2 844	2 888	2 741	2 904	2 877	2 865	2 747	2 604	8 218	8 567	8 522	8 216	33 523
1994	2 648	2 790	2 873	2 950	2 955	3 073	2 901	3 207	3 164	3 301	3 142	3 062	8 311	8 978	9 272	9 505	36 066
1995	3 303	3 504	3 632	3 532	3 717	3 793	3 381	3 602	3 593	3 609	3 364	3 100	10 439	11 042	10 576	10 073	42 130
1996	3 227	3 575	3 533	3 404	3 379	3 377	3 216	3 407	3 432	3 447	3 277	3 115	10 335	10 160	10 055	9 839	40 389
1997	3 248	3 354	3 336	3 333	3 325	3 360	3 186	3 369	3 489	3 616	3 510	3 578	9 938	10 018	10 044	10 704	40 704
Seasonally Adjusted—Millions of Dollars																	
1987	2 003	2 088	2 096	2 119	2 135	2 216	2 246	2 138	2 220	2 185	2 163	2 240	6 187	6 470	6 604	6 588	(X)
1988	2 238	2 214	2 194	2 274	2 334	2 390	2 377	2 405	2 470	2 414	2 432	2 487	6 646	6 998	7 252	7 333	(X)
1989	2 477	2 550	2 604	2 608	2 568	2 555	2 546	2 560	2 490	2 566	2 570	2 564	7 631	7 731	7 596	7 700	(X)
1990	2 597	2 569	2 564	2 470	2 551	2 493	2 506	2 563	2 543	2 605	2 618	2 554	7 730	7 514	7 612	7 777	(X)
1991	2 575	2 524	2 359	2 529	2 503	2 538	2 601	2 599	2 585	2 664	2 635	2 637	7 458	7 570	7 785	7 936	(X)
1992	2 662	2 660	2 650	2 652	2 678	2 738	2 744	2 749	2 766	2 762	2 795	2 800	7 972	8 068	8 259	8 357	(X)
1993	2 744	2 764	2 798	2 804	2 812	2 790	2 825	2 817	2 817	2 757	2 804	2 803	8 306	8 406	8 459	8 364	(X)
1994	2 749	2 804	2 817	2 918	2 923	2 972	3 009	3 116	3 098	3 177	3 202	3 310	8 370	8 813	9 223	9 689	(X)
1995	3 425	3 495	3 545	3 496	3 676	3 681	3 526	3 506	3 514	3 475	3 426	3 359	10 465	10 853	10 546	10 260	(X)
1996	3 346	3 545	3 439	3 368	3 340	3 294	3 358	3 322	3 354	3 320	3 336	3 365	10 330	10 002	10 034	10 021	(X)
1997	3 365	3 320	3 255	3 298	3 286	3 281	3 328	3 289	3 409	3 481	3 572	3 854	9 940	9 865	10 026	10 907	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−1.1	4.2	.4	1.1	.8	3.8	1.4	−4.8	3.8	−1.6	−1.0	3.6	3.2	4.6	2.1	−.2	(X)
1988	−.1	−1.1	−.9	3.6	2.6	2.4	−.5	1.2	2.7	−2.3	.7	2.3	.9	5.3	3.6	1.1	(X)
1989	−.4	2.9	2.1	.2	−1.5	−.5	−.4	.5	−2.7	3.1	.2	−.2	4.1	1.3	−1.7	1.4	(X)
1990	1.3	−1.1	−.2	−3.7	3.3	−2.3	.5	2.3	−.8	2.4	.5	−2.4	.4	−2.8	1.3	2.2	(X)
1991	.8	−2.0	−6.5	7.2	−1.0	1.4	2.5	−.1	−.5	3.1	−1.1	.1	−4.1	1.5	2.8	1.9	(X)
1992	.9	−.1	−.4	.1	1.0	2.2	.2	.2	.6	−.1	1.2	.2	.5	1.2	2.4	1.2	(X)
1993	−2.0	.7	1.2	.2	.3	−.8	1.3	−.3	−	−2.1	1.7	−	−.6	1.2	.6	−1.1	(X)
1994	−1.9	2.0	.5	3.6	.2	1.7	1.2	3.6	−.6	2.6	.8	3.4	.1	5.3	4.7	5.1	(X)
1995	3.5	2.0	1.4	−1.4	5.1	.1	−4.2	−.6	.2	−1.1	−1.4	−2.0	8.0	3.7	−2.8	−2.7	(X)
1996	−.4	5.9	−3.0	−2.1	−.8	−1.4	1.9	−1.1	1.0	−1.0	.5	.9	.7	−3.2	.3	−.1	(X)
1997	−	−1.3	−2.0	1.3	−.4	−.2	1.4	−1.2	3.6	2.1	2.6	7.9	−.8	−.8	1.6	8.8	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Yaar	Monthly												Quarterly				
	Jan.	Fab.	March	April	May	Juna	July	Aug.	Sapt.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
MISCELLANEOUS CONVERTED PAPER PRODUCTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	2 768	3 136	2 994	2 913	2 868	3 168	2 915	3 030	3 219	3 139	3 017	3 000	8 898	8 947	9 184	9 156	38 165
1988	3 090	3 197	3 284	3 168	3 190	3 540	3 183	3 387	3 444	3 455	3 349	3 433	9 571	9 898	10 014	10 237	39 720
1989	3 544	3 507	3 623	3 471	3 476	3 865	3 448	3 461	3 849	3 693	3 593	3 435	10 674	10 812	10 756	10 721	42 963
1990	3 554	3 662	3 776	3 640	3 622	3 941	3 679	3 753	3 770	3 757	3 620	3 453	10 992	11 203	11 202	10 830	44 227
1991	3 489	3 705	3 801	3 639	3 615	4 139	3 755	3 955	4 132	3 923	3 727	3 711	10 995	11 393	11 842	11 381	45 591
1992	3 731	3 825	3 886	3 725	3 607	4 004	3 848	3 952	4 045	3 911	3 658	3 964	11 442	11 336	11 845	11 531	46 154
1993	3 823	3 894	4 044	3 702	3 814	4 109	3 775	3 945	4 380	4 023	3 833	3 848	11 781	11 625	12 100	11 704	47 190
1994	3 717	4 028	4 107	3 743	3 965	4 284	3 955	4 302	4 474	4 323	4 233	4 244	11 852	11 992	12 731	12 800	49 375
1995	4 227	4 494	4 448	4 186	4 431	4 970	4 293	4 700	4 791	4 713	4 834	4 549	13 169	13 587	13 784	13 896	54 436
1996	4 412	4 649	4 652	4 478	4 564	4 826	4 506	4 650	4 644	4 578	4 548	4 422	13 713	13 866	13 800	13 548	54 927
1997	4 417	4 638	4 385	4 553	4 586	5 123	4 599	4 819	5 047	4 961	4 833	4 766	13 440	14 262	14 465	14 360	56 527
Seasonally Adjusted—Millions of Dollars																	
1987	2 821	3 063	2 949	2 948	2 937	2 962	3 019	2 990	3 095	3 107	3 121	3 128	8 833	8 847	9 104	9 354	(X)
1988	3 157	3 163	3 219	3 219	3 273	3 309	3 290	3 341	3 300	3 418	3 438	3 574	9 539	9 801	9 931	10 428	(X)
1989	3 628	3 501	3 542	3 544	3 579	3 811	3 550	3 418	3 875	3 644	3 668	3 592	10 871	10 734	10 841	10 902	(X)
1990	3 646	3 663	3 692	3 723	3 740	3 684	3 784	3 688	3 598	3 701	3 890	3 810	11 001	11 147	11 068	11 001	(X)
1991	3 590	3 701	3 711	3 737	3 734	3 884	3 860	3 877	3 941	3 858	3 809	3 858	11 002	11 355	11 678	11 525	(X)
1992	3 849	3 811	3 785	3 853	3 720	3 769	3 967	3 862	3 858	3 841	3 739	4 085	11 445	11 342	11 687	11 665	(X)
1993	3 952	3 887	3 937	3 878	3 918	3 882	3 900	3 853	4 178	3 947	3 908	3 940	11 758	11 678	11 929	11 793	(X)
1994	3 851	3 985	4 017	3 951	4 058	4 051	4 100	4 196	4 281	4 241	4 283	4 340	11 853	12 060	12 557	12 884	(X)
1995	4 386	4 442	4 393	4 414	4 520	4 698	4 450	4 592	4 562	4 623	4 665	4 851	13 221	13 632	13 604	13 939	(X)
1996	4 581	4 617	4 633	4 679	4 652	4 543	4 668	4 554	4 421	4 489	4 578	4 525	13 831	13 874	13 843	13 592	(X)
1997	4 586	4 627	4 387	4 725	4 674	4 805	4 750	4 737	4 805	4 862	4 888	4 871	13 600	14 204	14 292	14 421	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	-2.0	8.8	-3.7	-	-.4	.9	1.9	-1.0	3.5	.4	.5	.2	1.8	.2	2.9	2.7	(X)
1988	1.0	.2	1.8	-	1.7	1.1	-.6	1.6	-1.2	3.5	.8	4.0	2.0	2.7	1.3	5.0	(X)
1989	1.5	-3.5	1.2	.1	1.0	.9	-1.7	-3.8	7.8	-.8	.8	-2.0	2.3	.8	-.9	2.5	(X)
1990	1.5	.5	.8	.8	.5	-1.5	2.7	-2.5	-2.5	2.9	-.3	-2.2	.9	1.3	-.7	-.6	(X)
1991	-.6	3.1	.3	.7	-.1	4.0	-.8	.4	1.7	-2.1	-1.3	1.3	-	3.2	2.8	-1.3	(X)
1992	-.2	-1.0	-.7	1.8	-3.5	1.3	5.3	-2.8	-.1	-.4	-2.7	9.3	-.7	-.9	3.0	-.2	(X)
1993	-3.3	-2.2	1.8	-1.5	1.0	-.9	.5	-1.2	8.4	-5.5	-1.0	.9	.8	-.7	2.1	-1.1	(X)
1994	-2.3	3.5	.8	-1.6	2.7	-.2	1.2	2.3	1.5	-.5	1.0	1.3	.5	1.7	4.1	2.4	(X)
1995	1.1	1.3	-1.1	.5	2.4	3.9	-5.3	3.2	-.7	1.3	.9	-.3	2.8	3.1	-.2	2.5	(X)
1996	-1.5	.8	.3	1.0	-.8	-2.3	2.8	-2.4	-2.9	1.5	2.0	-1.2	-.8	.3	-1.7	-.4	(X)
1997	1.3	.9	-5.2	7.7	-1.1	2.8	-1.1	-.3	1.4	1.2	-3.8	3.9	.1	4.4	.8	.9	(X)
CHEMICALS AND ALLIED PRODUCTS, TOTAL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	17 502	18 570	19 201	19 222	19 443	20 190	17 881	19 052	20 661	19 249	19 034	19 541	55 273	58 855	57 594	57 824	229 548
1988	19 876	20 955	22 293	22 011	21 281	22 572	20 294	22 158	23 042	22 135	22 094	22 527	63 124	65 884	85 494	68 758	281 238
1989	23 053	23 807	24 499	24 745	24 198	25 049	22 479	23 322	24 190	22 785	22 325	22 744	71 359	73 992	69 991	87 854	283 196
1990	22 758	23 717	25 151	24 958	24 100	25 370	22 553	25 075	26 024	24 893	24 518	23 685	71 626	74 428	73 652	73 096	292 802
1991	24 357	24 947	25 103	28 050	25 617	25 719	23 511	24 888	26 105	25 030	23 846	23 372	74 407	77 386	74 504	72 248	298 545
1992	24 129	24 758	26 081	26 394	25 813	27 298	24 767	25 160	28 745	24 887	24 307	25 061	74 968	79 505	76 692	74 255	305 420
1993	24 654	26 311	27 968	27 378	26 126	28 764	24 910	25 556	27 265	25 371	25 434	25 172	78 931	82 288	77 731	75 977	314 907
1994	24 880	28 000	29 077	28 402	27 865	29 591	25 862	28 200	29 974	27 691	28 029	28 334	79 957	85 858	84 036	84 054	333 905
1995	28 239	29 807	31 883	30 273	30 434	32 444	28 832	30 486	31 243	29 739	28 955	29 058	89 929	93 151	90 581	87 750	381 391
1996	28 548	29 432	31 234	31 354	31 411	32 026	29 479	30 737	31 813	31 193	30 182	30 265	89 214	94 791	92 029	91 640	387 874
1997	30 628	31 730	33 324	33 822	33 058	34 126	30 988	31 909	33 821	32 330	31 173	32 280	95 682	101 006	96 718	95 783	389 189
Seasonally Adjusted—Millions of Dollars																	
1987	17 921	18 309	18 307	18 511	19 187	19 183	19 144	19 305	19 700	19 774	20 058	20 229	54 537	56 881	58 149	60 061	(X)
1988	20 338	20 707	21 301	21 145	21 074	21 508	21 581	22 370	22 138	22 660	23 093	23 519	62 348	63 725	66 069	69 272	(X)
1989	23 684	23 568	23 493	23 730	23 925	23 903	23 754	23 479	23 272	23 294	23 252	23 896	70 745	71 558	70 505	70 442	(X)
1990	23 548	23 585	24 102	23 901	23 897	24 172	23 788	25 159	25 106	25 318	25 519	24 991	71 215	71 970	74 031	75 828	(X)
1991	25 416	24 934	24 010	24 970	25 329	24 335	24 669	24 962	24 999	25 461	24 814	24 607	74 360	74 634	74 830	74 882	(X)
1992	25 386	24 844	24 732	25 245	25 379	25 538	25 984	25 409	25 592	25 452	25 281	26 223	74 962	76 160	76 985	76 958	(X)
1993	26 076	26 468	26 499	26 314	25 683	26 768	26 188	25 774	28 012	25 968	26 464	28 209	79 043	78 763	77 974	78 639	(X)
1994	26 306	26 219	27 447	27 258	27 399	27 617	27 277	28 406	28 803	28 388	29 146	29 538	79 972	82 274	84 486	87 070	(X)
1995	29 745	30 104	30 124	29 260	29 977	30 455	30 448	30 703	30 238	30 388	30 162	30 091	89 973	89 692	91 387	90 641	(X)
1996	29 969	29 802	29 633	30 190	30 861	30 256	31 038	30 972	30 747	31 636	31 451	31 191	89 404	91 307	92 757	94 278	(X)
1997	32 025	32 167	31 695	32 547	32 460	32 385	32 513	32 220	32 662	32 695	32 469	33 092	95 887	97 372	97 395	98 256	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.4	2.2	-	1.1	3.7	-	-.2	.8	2.0	.4	1.4	.9	4.2	4.3	2.2	3.3	(X)
1988	.5	1.8	2.9	-.7	-.3	2.0	.3	3.8	-1.0	2.4	1.9	1.8	3.8	2.2	3.7	4.8	(X)
1989	.7	-.5	-.3	1.0	.8	-.1	-.6	-1.2	-.9	.1	-.2	2.8	2.1	1.1	-1.5	-.1	(X)
1990	-1.5	.1	2.3	-.8	-	1.2	-1.7	5.9	-.2	.8	.8	-2.1	1.1	1.1	2.9	2.4	(X)
1991	1.7	-1.9	-3.7	4.0	1.4	-3.9	1.4	1.2	.1	1.8	-2.5	-.8	-1.9	.4	-	.3	(X)
1992	3.2	-2.1	-.5	2.1	.5	.6	1.8	-2.2	.7	-.5	-.7	3.7	.1	1.6	1.1	-	(X)
1993	-.6	1.5	.1	-.7	-2.4	4.2	-2.2	-1.6	.9	-.2	1.9	-1.0	2.7	-.4	-1.0	.9	(X)
1994	.4	-.3	4.7	-.7	.5	.8	-1.2	4.1	1.4	-1.4	2.7	1.3	1.7	2.9	2.7	3.1	(X)
1995	.7	1.2	.1	-2.9	2.5	1.6	-	.8	-1.5	.5	-.7	-.2	3.3	-.3	1.9	-.8	(X)
1996	-.4	-.6	-.6	1.9	2.2	-2.0	2.6	-.2	-.7	2.9	-.8	-.8	-1.4	2.1	1.6	1.6	(X)
1997	2.7	.4	-1.5	2.7	-.3	-.3	.5	-.9	1.4	.1	-.7	1.9	1.7	1.5	-	.9	(X)

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Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
INDUSTRIAL CHEMICALS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	9 298	10 286	10 374	10 521	10 905	11 041	10 189	10 528	10 943	10 815	10 657	10 620	29 958	32 467	31 660	32 092	126 177
1988	10 552	11 521	12 010	11 923	11 881	12 483	11 835	12 254	12 687	12 782	12 869	13 051	34 083	36 287	36 776	38 702	145 848
1989	12 989	13 854	13 829	14 054	13 874	13 980	12 866	12 840	12 887	12 744	12 279	11 988	40 672	41 908	38 593	37 011	158 184
1990	12 280	13 359	13 550	13 223	13 165	13 491	12 112	13 551	13 901	13 771	13 369	12 593	39 189	39 879	39 564	39 733	158 365
1991	13 156	13 360	13 202	13 497	13 149	13 131	12 460	13 005	13 149	13 055	12 431	11 825	39 718	39 777	38 614	37 311	155 420
1992	12 033	12 937	13 250	13 464	13 308	13 972	13 183	13 348	13 590	13 351	12 842	12 341	38 220	40 744	40 121	38 534	157 619
1993	12 562	13 821	14 019	13 799	13 368	14 217	12 875	13 177	13 223	12 891	12 887	11 932	40 402	41 384	39 275	37 710	158 771
1994	12 432	13 391	14 149	13 960	14 044	14 842	13 619	14 614	15 057	14 584	14 726	14 491	39 972	42 846	43 290	43 801	169 909
1995	14 979	15 969	16 518	15 913	16 039	16 983	15 107	15 737	15 673	15 080	14 769	14 203	47 466	48 935	46 517	44 052	186 970
1996	14 299	15 107	15 610	15 552	15 879	16 131	14 882	15 741	15 643	15 314	15 029	14 831	45 016	47 562	46 266	45 174	184 018
1997	15 108	16 547	16 703	16 749	16 308	16 875	15 539	16 205	16 527	15 831	15 593	15 280	48 358	49 932	48 271	46 704	193 265
Seasonally Adjusted—Millions of Dollars																	
1987	9 756	9 989	10 038	10 214	10 745	10 586	10 647	10 659	10 778	10 892	10 930	10 984	29 783	31 545	32 084	32 806	(X)
1988	11 039	11 210	11 673	11 574	11 713	11 998	12 265	12 369	12 500	12 808	13 183	13 645	33 922	35 285	37 134	39 636	(X)
1989	13 562	13 505	13 476	13 643	13 683	13 463	13 269	12 898	12 691	12 689	12 577	12 679	40 543	40 789	38 858	37 945	(X)
1990	12 843	13 047	13 201	12 844	12 978	12 998	12 451	13 520	13 672	13 661	13 704	13 450	39 091	38 820	39 643	40 815	(X)
1991	13 818	13 086	12 868	13 110	12 952	12 578	12 766	12 923	12 908	12 953	12 775	12 743	39 772	38 640	38 597	38 471	(X)
1992	12 711	12 695	12 745	13 062	13 086	13 187	13 526	13 312	13 380	13 376	13 230	13 356	38 151	39 335	40 218	39 962	(X)
1993	13 302	13 587	13 445	13 387	13 146	13 355	13 224	13 094	13 009	13 024	13 275	12 908	40 334	39 888	39 327	39 207	(X)
1994	13 135	13 183	13 527	13 544	13 816	13 932	14 053	14 471	14 810	14 827	15 188	15 565	39 845	41 292	43 334	45 580	(X)
1995	15 761	15 736	15 803	15 451	15 790	15 988	15 642	15 550	15 403	15 348	15 240	15 127	47 300	47 229	46 595	45 715	(X)
1996	14 994	14 895	15 003	15 115	15 638	15 268	15 417	15 538	15 355	15 559	15 516	15 673	44 892	46 021	46 310	46 748	(X)
1997	15 815	16 322	16 145	16 299	16 054	16 025	16 088	16 021	16 206	16 058	16 066	18 076	48 282	48 378	48 315	48 200	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.7	2.4	.5	1.8	5.2	−1.5	.6	.1	1.1	1.1	.3	.5	5.0	5.9	1.7	2.3	(X)
1988	.5	1.5	4.1	−.8	1.2	2.4	2.2	.8	1.1	2.5	2.9	3.5	3.4	4.0	5.2	6.7	(X)
1989	−.6	−.4	−.2	1.2	.3	−1.6	−1.4	−2.8	−1.6	−	−.9	.8	2.3	.6	−4.7	−2.3	(X)
1990	1.3	1.8	1.2	−2.7	1.0	.2	−4.2	8.6	1.1	−.1	.3	−1.9	3.0	−.7	2.1	3.0	(X)
1991	2.7	−5.3	−1.7	1.9	−1.2	−2.9	1.5	1.2	−.1	.3	−1.4	−.3	−2.6	−2.8	−.1	−.3	(X)
1992	−.3	−.1	.4	2.5	.2	.8	2.6	−1.6	.5	−	−1.1	1.0	−.8	3.1	2.2	−.6	(X)
1993	−.4	2.1	−1.0	−.4	−1.8	1.6	−1.0	−1.0	−.6	.1	1.9	−2.8	.9	−1.1	−1.4	−.3	(X)
1994	1.8	.4	2.6	.1	2.0	.8	.9	3.0	2.3	.1	2.4	2.5	1.6	3.6	4.9	5.2	(X)
1995	1.3	−.2	.4	−2.2	2.2	1.3	−2.2	−.6	−.9	−.4	−.7	−.7	3.8	−.2	−1.3	−1.9	(X)
1996	−.9	−.7	.7	.7	3.5	−2.4	1.0	.8	−1.2	1.3	−.3	1.0	−1.8	2.5	.6	.9	(X)
1997	.9	3.2	−1.1	1.0	−1.5	−.2	.4	−.4	1.2	−.9	−	.1	3.3	.2	−.1	−.2	(X)
DRUGS, SOAPS, AND TOILETRIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	5 817	5 918	6 006	5 537	5 544	6 595	5 625	6 386	7 564	8 284	6 155	6 580	17 741	17 678	19 575	19 019	74 011
1988	6 726	8 841	7 081	6 472	6 215	7 266	5 925	7 449	7 925	7 057	6 911	7 068	20 648	19 953	21 299	21 036	82 936
1989	7 388	7 244	7 493	6 897	8 860	7 993	7 074	7 759	8 715	7 435	7 532	8 241	22 125	21 750	23 548	23 208	90 631
1990	7 752	7 761	8 294	7 741	7 541	8 479	7 612	8 597	9 344	8 449	8 452	8 418	23 807	23 761	25 553	25 319	98 440
1991	8 552	8 862	8 573	8 556	8 690	9 242	8 258	9 095	10 201	9 202	8 856	8 988	25 987	26 488	27 554	27 046	107 075
1992	9 463	8 829	9 113	8 599	8 424	9 730	8 732	9 072	10 557	8 921	9 089	10 138	27 405	26 753	28 361	28 148	110 667
1993	9 320	9 417	10 208	9 269	8 619	10 507	9 170	9 610	11 371	9 932	9 920	10 545	28 945	28 395	30 151	30 397	117 888
1994	9 599	9 451	10 593	9 663	9 413	10 716	9 246	10 383	11 830	10 225	10 400	10 833	29 643	29 792	31 459	31 458	122 352
1995	10 195	10 278	11 077	9 911	9 972	11 289	10 148	11 380	12 255	11 446	11 119	11 862	31 550	31 172	33 783	34 427	130 932
1996	10 894	10 645	11 686	10 680	10 682	11 525	10 820	11 495	12 951	12 641	12 057	12 497	33 225	32 887	35 266	37 195	138 573
1997	12 165	11 465	12 315	11 577	11 659	12 880	11 937	12 351	14 050	13 193	12 576	13 848	35 945	36 116	38 338	39 617	150 016
Seasonally Adjusted—Millions of Dollars																	
1987	5 792	5 887	5 790	5 942	5 989	6 143	6 235	6 293	6 516	6 385	6 428	6 591	17 469	18 074	19 044	19 404	(X)
1988	6 669	6 806	8 848	6 882	6 731	6 831	6 497	7 314	6 904	7 150	7 140	7 121	20 323	20 444	20 715	21 411	(X)
1989	7 337	7 225	7 255	7 278	7 434	7 579	7 676	7 598	7 660	7 510	7 711	8 314	21 817	22 291	22 934	23 535	(X)
1990	7 758	7 772	8 024	8 103	8 172	8 089	8 209	8 430	8 261	8 497	8 600	8 443	23 554	24 364	24 900	25 540	(X)
1991	8 638	8 942	8 273	8 933	9 405	8 805	8 867	9 023	8 997	9 251	9 007	8 870	25 853	27 143	26 887	27 128	(X)
1992	9 650	8 975	8 777	8 984	9 096	9 227	9 377	9 103	9 270	9 012	9 229	9 821	27 402	27 307	27 750	28 062	(X)
1993	9 563	9 654	9 809	9 738	9 289	9 941	9 891	9 689	9 983	10 002	10 025	10 080	29 026	28 968	29 563	30 107	(X)
1994	9 887	9 766	10 157	10 194	10 131	10 213	10 011	10 416	10 447	10 204	10 435	10 317	29 810	30 538	30 874	30 956	(X)
1995	10 486	10 718	10 587	10 510	10 718	10 873	10 938	11 396	10 949	11 228	11 134	11 270	31 791	32 101	33 283	33 632	(X)
1996	11 174	11 160	11 156	11 344	11 471	11 212	11 567	11 554	11 652	12 264	12 082	11 858	33 490	34 027	34 773	36 204	(X)
1997	12 428	12 067	11 762	12 322	12 504	12 550	12 678	12 489	12 675	12 736	12 669	13 081	36 257	37 376	37 842	38 436	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.3	1.6	−1.6	2.6	.8	2.6	1.5	.9	3.5	−2.0	.7	2.5	1.1	3.5	5.4	1.9	(X)
1988	1.2	2.1	.6	.5	−2.2	1.5	−4.9	12.6	−5.6	3.6	−.1	−.3	4.7	.6	1.3	3.4	(X)
1989	3.0	−1.5	.4	.3	2.1	2.0	1.3	−1.0	.8	−2.0	2.7	7.8	1.9	2.2	2.9	2.6	(X)
1990	−6.7	.2	3.2	1.0	.9	−1.0	1.5	2.7	−2.0	2.9	1.2	−1.8	.1	3.4	2.2	2.6	(X)
1991	2.3	3.5	−7.5	8.0	5.3	−6.4	.7	1.8	−.3	2.8	−2.6	−1.5	1.2	5.0	−.9	.9	(X)
1992	8.8	−7.0	−2.2	2.4	1.2	1.4	1.6	−2.9	1.8	−2.8	2.4	6.4	1.0	−.3	1.6	1.1	(X)
1993	−2.6	1.0	1.6	−.7	−4.6	7.0	−.5	−2.0	3.0	.2	.2	.5	3.4	−.2	2.1	1.8	(X)
1994	−1.9	−1.2	4.0	.4	−.6	.8	−2.0	4.0	.3	−2.3	2.3	−1.1	−1.0	2.4	1.1	.3	(X)
1995	1.6	2.2	−1.2	−.7	2.0	1.4	.6	4.2	−3.9	2.5	−.8	1.2	2.7	1.0	3.7	1.0	(X)
1996	−.9	−.1	−	1.7	1.1	−2.3	3.2	−.1	.8	5.3	−1.5	−1.9	−.4	1.6	2.2	4.1	(X)
1997	4.8	−2.9	−2.5	4.8	1.5	.4	1.0	−1.5	1.5	.5	−.5	3.3	.1	3.1	1.2	1.7	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	PETROLEUM AND COAL PRODUCTS, TOTAL—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	9 359	9 544	9 950	10 404	10 621	11 336	11 918	11 661	11 743	11 575	11 304	10 999	28 853	32 361	35 322	33 878	130 414
1988	10 226	10 118	10 572	10 906	11 165	11 656	11 480	11 779	11 027	10 943	10 873	10 937	30 916	33 727	34 286	32 753	131 682
1989	10 658	10 805	11 429	12 673	12 842	13 138	12 481	12 331	12 625	12 725	12 250	12 530	32 892	38 653	37 437	37 505	148 487
1990	13 082	12 291	12 133	12 357	12 557	12 637	12 583	16 062	17 967	18 870	17 407	15 443	37 506	37 551	46 612	51 720	173 389
1991	14 256	12 705	12 265	12 994	13 721	13 467	13 075	13 684	13 682	13 718	13 432	12 145	39 226	40 182	40 441	39 295	159 144
1992	10 730	10 865	11 235	12 265	12 839	13 711	13 461	13 124	13 275	13 458	13 001	12 263	32 830	38 815	39 860	38 722	150 227
1993	11 504	11 756	11 850	12 395	12 893	13 004	12 296	12 269	12 182	12 630	11 621	10 434	35 110	38 292	36 747	34 685	144 834
1994	9 919	10 386	10 578	11 454	12 013	12 984	12 749	13 408	12 611	12 379	12 692	12 155	30 883	36 451	38 768	37 226	143 328
1995	11 299	11 976	11 683	13 100	13 666	13 774	12 859	13 130	12 735	12 412	12 407	12 398	34 958	40 540	38 724	37 217	151 439
1996	11 842	12 372	13 029	15 081	15 286	14 870	14 560	15 049	15 359	15 995	15 627	15 214	37 243	45 237	44 968	46 836	174 284
1997	14 436	14 295	13 742	14 477	15 297	15 172	14 871	16 116	15 437	15 454	14 419	13 598	42 473	44 946	46 424	43 471	177 314
	Seasonally Adjusted—Millions of Dollars																
1987	9 911	10 329	10 411	10 586	10 626	11 004	11 733	11 247	11 126	11 280	11 173	10 973	30 651	32 216	34 106	33 426	(X)
1988	10 787	10 908	11 121	11 104	11 157	11 352	11 328	11 278	10 447	10 436	10 895	11 002	32 816	33 813	33 053	32 133	(X)
1989	11 290	11 711	12 181	12 915	12 800	12 924	12 330	11 818	12 017	11 868	11 904	12 589	35 182	38 639	38 165	36 361	(X)
1990	13 890	13 450	13 105	12 624	12 452	12 462	12 395	15 372	17 182	17 337	16 641	15 506	40 445	37 538	44 949	49 484	(X)
1991	15 280	13 901	13 408	13 308	13 513	13 131	12 826	13 076	13 067	12 568	12 814	12 355	42 589	39 952	38 969	37 737	(X)
1992	11 805	11 955	12 248	12 489	12 490	13 000	13 159	12 588	12 657	12 517	12 548	12 623	36 008	37 979	38 404	37 688	(X)
1993	12 875	12 888	12 909	12 560	12 455	12 133	11 926	11 707	11 588	11 866	11 391	10 832	38 672	37 148	35 221	34 089	(X)
1994	11 213	11 340	11 506	11 541	11 557	12 085	12 377	12 803	12 039	11 773	12 533	12 539	34 059	35 183	37 219	36 845	(X)
1995	12 643	13 016	12 684	13 138	13 141	12 933	12 510	12 501	12 172	11 860	12 276	12 699	38 343	39 210	37 183	36 835	(X)
1996	13 151	13 366	14 097	15 103	14 697	14 136	14 264	14 319	14 729	15 247	15 388	15 484	40 614	43 936	43 312	46 119	(X)
1997	15 879	15 504	14 946	14 532	14 701	14 518	14 614	15 311	14 791	14 638	14 139	13 836	46 329	43 751	44 716	42 613	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	6.6	4.2	.8	1.7	.4	3.8	8.6	–4.1	–1.1	1.4	–.9	–1.8	12.7	5.1	5.9	–2.0	(X)
1988	–1.7	1.1	2.0	–.2	.5	1.7	–.2	–.4	–7.4	–.1	2.5	2.9	–1.8	2.4	–1.7	–2.8	(X)
1989	2.6	3.7	4.0	6.0	–.9	1.0	–4.6	–4.2	1.7	–1.2	.3	5.8	9.5	9.8	–6.4	.5	(X)
1990	10.3	–3.2	–2.6	–3.7	–1.4	.1	–.5	24.0	11.8	.9	–4.0	–6.8	11.2	–7.2	19.7	10.1	(X)
1991	–1.5	–9.0	–3.5	–.7	1.5	–2.8	–2.3	1.9	–.1	–3.8	2.0	–3.6	–13.9	–6.2	–2.5	–3.2	(X)
1992	–4.5	1.3	2.5	2.0	–	4.1	1.2	–4.3	.5	–1.1	.2	.6	–4.6	5.5	1.1	–1.9	(X)
1993	2.0	.1	.2	–2.7	–.8	–2.8	–1.7	–1.8	–1.0	2.4	–4.0	–4.9	2.6	–3.9	–5.2	–3.2	(X)
1994	3.5	1.1	1.5	.3	.1	4.6	2.4	3.4	–6.0	–2.2	6.5	–	–.1	3.3	5.8	–1.0	(X)
1995	.8	3.0	–2.6	3.6	–	–1.6	–3.3	–.1	–2.6	–2.8	3.5	3.4	4.1	2.3	–5.2	–.9	(X)
1996	3.6	1.6	5.5	7.1	–2.7	–3.8	.9	.4	2.9	3.5	.9	.6	10.3	8.2	–1.4	6.5	(X)
1997	2.6	–2.4	–3.6	–2.8	1.2	–1.2	.7	4.8	–3.4	–1.0	–3.4	–2.1	.5	–5.6	2.2	–4.7	(X)
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	8 407	7 420	7 573	7 330	7 296	7 782	6 446	6 931	7 553	7 797	7 420	8 679	21 400	22 408	20 930	21 896	88 634
1988	8 939	7 749	8 000	7 964	8 114	8 510	7 238	8 055	8 503	8 610	8 058	7 747	22 688	24 588	23 796	24 413	95 485
1989	8 083	8 635	8 527	8 766	8 886	9 392	7 962	8 410	8 580	8 467	7 850	7 678	25 245	27 044	24 952	23 995	101 236
1990	7 645	8 538	9 337	8 900	8 755	9 567	8 651	9 107	9 267	9 456	8 355	7 672	25 520	27 222	27 025	25 483	105 250
1991	8 049	8 634	8 574	8 886	8 944	9 397	8 577	9 128	9 492	9 604	8 583	7 936	25 257	27 227	27 197	28 123	105 804
1992	8 552	9 322	9 661	9 678	9 503	10 190	9 201	9 588	9 873	10 010	9 204	8 811	27 535	29 371	28 662	28 025	113 593
1993	9 269	10 296	10 544	10 217	10 356	11 141	9 388	10 381	10 824	10 753	10 120	9 488	30 109	31 714	30 593	30 361	122 777
1994	9 767	10 697	11 588	11 268	11 471	12 204	10 209	11 720	11 958	12 051	11 341	10 871	32 052	34 943	33 887	34 263	135 145
1995	11 340	12 170	12 804	12 374	12 541	12 965	10 769	12 591	12 818	12 668	11 831	10 868	36 314	37 880	36 178	35 367	145 739
1996	11 041	12 324	12 978	12 949	13 254	13 579	11 769	12 982	13 126	13 053	12 244	11 168	36 343	39 782	37 877	38 465	150 467
1997	11 977	13 049	13 368	13 745	13 281	13 704	12 138	13 121	13 713	13 814	12 615	12 074	38 394	40 730	38 972	38 503	158 599
	Seasonally Adjusted—Millions of Dollars																
1987	6 918	7 218	7 307	7 132	7 100	7 150	7 051	7 041	7 242	7 446	7 643	7 378	21 443	21 382	21 334	22 487	(X)
1988	7 492	7 592	7 711	7 756	7 872	7 815	7 866	8 113	8 165	8 213	8 323	8 578	22 795	23 443	24 144	25 114	(X)
1989	8 733	8 528	8 272	8 545	8 616	8 645	8 486	8 389	8 246	8 089	8 152	8 532	25 533	25 806	25 121	24 773	(X)
1990	8 250	8 483	9 091	8 683	8 519	8 839	9 077	9 017	8 907	9 053	8 712	8 567	25 824	28 041	27 001	26 332	(X)
1991	8 680	8 575	8 348	8 664	8 724	8 693	8 967	9 008	9 121	9 218	8 986	8 883	25 603	26 081	27 096	27 087	(X)
1992	9 211	9 238	9 320	9 440	9 295	9 416	9 692	9 449	9 484	9 629	9 640	9 879	27 769	28 151	28 625	29 148	(X)
1993	9 976	10 204	10 080	9 958	10 089	10 276	10 068	10 197	10 398	10 362	10 600	10 624	30 260	30 323	30 663	31 586	(X)
1994	10 494	10 647	11 005	10 976	11 120	11 270	11 084	11 459	11 478	11 640	11 854	12 165	32 146	33 366	34 021	35 659	(X)
1995	12 184	12 128	12 168	12 034	12 086	12 039	11 719	12 285	12 299	12 234	12 335	12 158	36 480	36 159	36 303	36 727	(X)
1996	11 875	12 276	12 394	12 576	12 761	12 659	12 743	12 693	12 586	12 585	12 741	12 518	36 545	37 996	38 022	37 844	(X)
1997	12 904	12 946	12 823	13 321	12 811	12 791	13 078	12 880	13 155	13 301	13 118	13 536	38 673	38 923	39 113	39 955	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	1.4	4.3	1.2	–2.4	–.4	.7	–1.4	–.1	2.9	2.8	2.6	–3.5	6.0	–.3	–.2	5.3	(X)
1988	1.5	1.3	1.6	.6	1.5	–.7	.7	3.1	.6	.6	1.3	3.1	1.5	2.8	3.0	4.0	(X)
1989	1.8	–2.3	–3.0	3.3	.8	.3	–1.8	–1.1	–1.7	–1.9	.8	4.7	1.7	1.1	–2.7	–1.4	(X)
1990	–3.3	2.8	7.2	–4.5	–1.9	3.8	2.7	–.7	–1.2	1.6	–3.8	–1.7	4.2	.8	3.7	–2.5	(X)
1991	1.3	–1.2	–2.6	3.8	.7	–.4	3.2	.5	1.3	1.1	–2.5	–1.1	–2.8	1.9	3.9	–	(X)
1992	3.7	.3	.9	1.3	–1.5	1.3	2.9	–2.5	.4	1.5	.1	2.5	2.5	1.4	1.7	1.8	(X)
1993	1.0	2.3	–1.2	–1.2	1.3	1.9	–2.0	1.3	2.0	–.3	2.3	.2	3.8	.2	1.1	3.0	(X)
1994	–1.2	1.5	3.4	–.3	1.3	1.3	–1.7	3.4	.2	1.4	1.8	2.6	1.8	3.8	2.0	4.8	(X)
1995	.2	–.5	.3	–1.1	.4	–.4	–2.7	4.8	.1	–.5	.8	–1.4	2.3	–.9	.4	1.2	(X)
1996	–2.3	3.4	1.0	1.5	1.5	–.8	.7	–.4	–.8	–	1.2	–1.8	–.5	4.0	.1	–.5	(X)
1997	3.1	.3	–1.0	3.9	–3.8	–.2	2.2	–1.5	2.1	1.1	–1.4	3.2	2.2	.6	.5	2.2	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
ALL OTHER NONDURABLE GOODS INDUSTRIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	15 256	17 255	17 375	16 448	16 345	17 583	16 911	18 488	19 199	19 350	18 598	18 714	49 886	50 378	54 598	54 662	209 522
1988	16 393	18 105	18 210	17 509	17 022	18 707	17 738	19 414	20 115	20 131	19 117	17 663	52 708	53 238	57 287	56 911	220 124
1989	16 904	18 968	18 435	18 317	17 612	18 834	17 914	20 098	20 789	20 772	20 138	17 581	54 307	54 763	58 801	58 489	226 360
1990	17 611	19 264	19 495	19 023	18 509	19 836	18 973	20 883	21 417	21 766	20 875	18 281	58 370	57 368	61 273	60 922	235 933
1991	17 957	19 677	19 437	18 845	18 252	19 247	19 058	20 751	21 399	22 218	21 508	18 920	57 071	58 344	81 208	62 646	237 269
1992	18 049	19 719	20 047	19 792	19 147	20 879	20 704	21 026	22 403	23 441	22 254	20 244	57 815	59 618	64 133	65 939	247 505
1993	19 446	21 501	21 531	20 663	20 013	21 253	20 464	22 203	23 256	23 946	22 853	19 722	82 478	81 929	65 923	66 321	256 851
1994	19 159	21 043	21 508	20 491	20 912	21 867	21 312	23 749	24 390	24 393	23 524	21 057	81 710	63 270	69 451	68 974	263 405
1995	20 323	22 215	22 538	21 880	21 505	23 309	22 282	24 657	25 177	25 398	24 276	21 970	65 078	66 894	72 118	71 644	275 530
1996	20 344	22 732	23 038	22 724	22 098	23 489	22 888	25 377	25 870	25 532	25 547	22 754	66 114	88 311	73 935	73 833	282 193
1997	21 153	23 783	23 282	23 013	22 374	24 246	23 992	26 182	27 062	27 086	26 235	24 207	68 218	69 633	77 236	77 528	292 615
Seasonally Adjusted—Millions of Dollars																	
1987	16 810	17 101	17 252	17 220	17 386	17 556	17 662	17 529	17 566	17 765	17 681	17 861	51 183	52 162	52 757	53 307	(X)
1988	18 022	17 967	18 151	18 220	18 186	18 678	18 523	18 394	18 430	18 395	18 147	18 941	54 140	55 084	55 347	55 483	(X)
1989	18 576	18 940	18 454	18 967	18 805	18 864	18 696	19 062	19 092	18 904	19 041	18 831	55 970	56 636	56 850	58 776	(X)
1990	19 330	19 314	19 582	19 586	19 791	19 914	19 692	19 829	19 740	19 720	19 670	19 591	58 226	59 291	59 261	58 981	(X)
1991	19 737	19 794	19 569	19 425	19 497	19 345	19 629	19 758	19 749	20 082	20 227	20 278	59 100	58 267	59 136	60 587	(X)
1992	19 907	19 855	20 182	20 458	20 461	20 815	21 297	19 994	20 666	21 146	20 995	21 613	59 944	61 734	81 957	63 754	(X)
1993	21 512	21 712	21 655	21 414	21 312	21 346	21 082	21 061	21 387	21 615	21 424	20 994	64 879	64 072	83 530	64 033	(X)
1994	21 266	21 314	21 624	21 314	22 208	21 908	21 997	22 412	22 358	22 058	22 302	22 379	64 204	65 430	66 787	66 739	(X)
1995	22 663	22 532	22 714	22 756	22 866	23 273	22 988	23 178	23 060	23 085	22 984	23 136	67 909	68 895	69 228	69 205	(X)
1996	22 750	23 060	23 302	23 648	23 577	23 433	23 589	23 736	23 507	23 297	24 194	23 833	69 112	70 656	70 832	71 324	(X)
1997	23 752	24 129	23 641	24 041	23 959	24 141	24 672	24 414	24 758	24 816	24 828	25 209	71 522	72 141	73 842	74 853	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.7	1.7	.9	–.2	1.0	1.0	.6	–.8	.2	1.1	–.5	1.0	2.5	2.0	1.1	1.0	(X)
1988	.9	–.3	1.0	.4	–.2	2.7	–.8	–.7	.2	–.2	–1.3	4.4	1.6	1.7	.5	.2	(X)
1989	–1.9	2.0	–2.6	2.8	–.9	.3	–.9	2.0	.2	–1.0	.7	–1.1	.9	1.2	.4	–.1	(X)
1990	2.6	–.1	1.4	–	1.0	.6	–1.1	.7	–.4	–.1	–.3	–.4	2.6	1.8	–.1	–.5	(X)
1991	.7	.3	–1.1	–.7	.4	–.8	1.5	.7	–	1.7	.7	.3	.2	–1.4	1.5	2.5	(X)
1992	–1.8	–.3	1.6	1.4	–	1.7	2.3	–6.1	3.4	2.3	–.7	2.9	–1.1	3.0	.4	2.9	(X)
1993	–.5	.9	–.3	–1.1	–.5	.2	–1.2	–.1	1.5	1.1	–.9	–2.0	1.8	–1.2	–.8	.8	(X)
1994	1.3	.2	1.5	–1.4	4.2	–1.4	.4	1.9	–.2	–1.3	1.1	.3	.3	1.9	2.0	–	(X)
1995	1.3	–.6	.8	.2	.5	1.8	–1.2	.8	–.5	.1	–.4	.7	1.8	1.5	.5	–	(X)
1996	–1.7	1.4	1.0	1.5	–.3	–.6	.7	.6	–1.0	–.9	3.9	–1.5	–.1	2.2	.2	.7	(X)
1997	–.3	1.6	–2.0	1.7	–.3	.8	2.2	–1.0	1.4	.2	–	1.5	.3	.9	2.4	1.4	(X)
AUTOMOTIVE EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	8 507	10 127	10 014	9 490	9 443	9 318	6 332	7 247	8 735	9 688	8 918	7 208	28 648	28 251	22 314	25 814	105 027
1988	8 311	9 416	9 785	9 757	10 131	10 108	6 837	8 455	9 572	10 878	10 074	9 157	27 512	29 994	24 864	30 109	112 479
1989	10 285	11 070	10 664	11 261	10 893	9 964	8 268	9 637	10 048	10 311	10 128	8 201	32 019	32 118	25 953	28 638	118 728
1990	6 562	9 828	10 617	9 934	10 938	10 968	7 018	9 608	9 688	10 950	8 396	6 030	27 007	31 840	26 314	25 376	110 537
1991	7 107	8 034	7 618	9 151	9 924	9 366	8 973	9 126	10 092	11 327	9 969	7 205	22 759	28 441	26 191	28 501	105 892
1992	8 125	10 073	10 550	10 839	11 270	10 823	7 194	9 969	10 092	11 687	10 693	9 317	28 748	32 932	27 255	31 697	120 632
1993	10 020	12 036	12 143	11 921	11 981	11 937	7 057	10 120	11 367	12 984	12 105	10 558	34 199	35 839	28 544	35 647	134 229
1994	11 510	13 591	13 528	13 491	13 809	13 947	8 019	13 419	13 661	14 056	14 061	12 314	38 629	41 247	35 099	40 431	155 406
1995	12 782	14 978	15 063	13 931	14 134	14 105	7 981	13 306	14 238	14 847	13 620	11 810	42 821	42 170	35 525	40 277	160 793
1996	12 281	14 673	13 253	14 616	15 127	14 494	9 046	13 647	14 928	14 860	14 045	11 305	40 187	44 237	37 619	40 210	162 253
1997	13 175	15 021	14 407	14 783	14 179	14 712	9 802	14 269	15 062	16 159	14 690	12 886	42 603	43 674	39 133	43 735	169 145
Seasonally Adjusted—Millions of Dollars																	
1987	8 688	9 313	9 212	8 775	8 744	8 671	8 461	8 152	8 562	8 809	8 760	8 404	27 213	26 190	25 175	25 973	(X)
1988	8 609	8 772	9 045	9 037	9 294	9 417	9 451	9 178	9 344	9 755	9 846	10 726	26 426	27 748	27 973	30 327	(X)
1989	10 874	10 473	9 897	10 454	9 904	9 258	8 801	10 043	9 794	9 108	9 888	9 870	31 244	29 618	28 638	28 866	(X)
1990	7 159	9 480	9 839	9 221	9 845	10 238	9 873	9 791	9 400	9 453	8 198	7 416	26 478	29 304	29 064	25 067	(X)
1991	7 909	7 765	7 079	8 509	8 896	8 689	9 853	9 336	9 779	9 737	9 750	8 855	22 753	26 094	28 968	28 342	(X)
1992	9 069	9 600	9 782	10 052	10 119	10 024	10 308	10 263	9 743	10 243	10 516	11 119	28 451	30 195	30 314	31 878	(X)
1993	11 053	11 268	11 275	11 055	10 819	11 057	10 547	10 395	10 934	11 633	11 872	12 191	33 596	32 931	31 876	35 696	(X)
1994	12 497	12 518	12 577	12 525	12 608	12 966	12 566	13 611	13 113	12 824	13 708	14 009	37 592	38 099	39 290	40 541	(X)
1995	13 736	13 677	13 988	12 987	13 079	13 175	12 533	13 390	13 611	13 519	13 249	13 469	41 401	39 241	39 534	40 237	(X)
1996	13 248	13 412	12 316	13 649	14 124	13 594	13 974	13 651	14 183	13 493	13 642	12 986	38 976	41 367	41 808	40 121	(X)
1997	14 316	13 767	13 423	13 834	13 283	13 856	14 908	14 272	14 237	14 524	14 272	14 807	41 506	40 973	43 417	43 603	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–6.6	7.2	–1.1	–4.7	–.4	–.8	–2.4	–3.7	5.0	2.9	–.6	–4.1	5.8	–3.8	–3.9	3.2	(X)
1988	2.4	1.9	3.1	–.1	2.8	1.3	.4	–2.9	1.8	4.4	.9	8.9	1.7	5.0	.8	8.4	(X)
1989	1.4	–3.7	–5.5	5.6	–5.3	–6.5	–4.9	14.1	–2.5	–7.0	8.6	–.2	3.0	–5.2	–3.3	.8	(X)
1990	–27.5	32.4	3.8	–6.3	6.8	4.0	–3.6	–.8	–4.0	.6	–13.3	–9.5	–8.3	10.7	–.8	–13.8	(X)
1991	6.6	–1.8	–8.8	20.2	4.5	–2.3	13.4	–5.2	4.7	–.4	.1	–9.2	–9.2	14.7	11.0	–2.2	(X)
1992	2.4	5.9	1.9	2.8	.7	–.9	2.8	–.4	–5.1	5.1	2.7	5.7	.4	6.1	.4	5.2	(X)
1993	–.6	1.9	.1	–2.0	–2.1	2.2	–4.6	–1.4	5.2	6.4	2.1	2.7	5.4	–2.0	–3.2	12.0	(X)
1994	2.5	.2	.5	–.4	.7	2.8	–3.1	8.3	–3.7	–2.2	6.9	2.2	5.3	1.3	3.1	3.2	(X)
1995	–1.9	–.4	2.3	–7.2	.7	.7	–4.9	6.8	1.7	–.7	–2.0	1.7	2.1	–5.2	.7	1.8	(X)
1996	–1.6	1.2	–8.2	10.8	3.5	–3.8	2.8	–2.3	3.9	–4.9	1.1	–4.8	–3.1	6.1	1.1	–4.0	(X)
1997	10.2	–3.8	–2.5	3.1	–4.0	4.3	7.6	–4.3	–.2	2.0	–1.7	3.7	3.5	–1.3	6.0	.4	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
HOME GOODS AND APPAREL—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	11 405	13 774	14 123	12 870	12 697	14 336	12 729	14 816	15 531	14 993	13 946	11 327	39 302	39 903	43 076	40 266	162 547
1988	11 765	14 139	14 354	13 081	12 978	15 049	13 212	15 166	16 101	15 652	14 624	12 426	40 258	41 108	44 479	42 702	168 547
1989	12 609	14 747	14 996	13 902	13 449	15 208	13 181	15 815	16 238	16 301	15 042	12 325	42 352	42 559	45 234	43 668	173 813
1990	12 521	14 801	15 191	13 448	13 919	15 511	13 672	15 727	16 102	16 495	15 116	12 466	42 513	42 878	45 501	44 077	174 969
1991	12 252	14 216	14 327	13 663	13 361	15 145	13 939	15 899	16 693	17 114	16 040	12 708	40 795	42 169	46 531	45 862	175 357
1992	12 919	15 013	15 647	14 490	14 239	16 176	15 008	16 443	17 511	17 644	16 562	13 936	43 579	44 905	48 962	48 142	185 588
1993	14 020	16 226	16 646	14 945	14 986	17 206	15 038	17 599	18 633	18 601	17 674	14 000	46 892	47 137	51 270	50 275	195 574
1994	13 999	16 419	17 648	15 955	16 110	17 820	15 955	18 689	19 924	19 841	18 243	15 382	48 066	49 885	54 568	53 466	205 985
1995	15 343	17 305	18 371	16 233	16 405	18 465	16 219	19 034	19 918	19 950	18 433	14 977	51 019	51 103	55 171	53 360	210 653
1996	14 091	16 833	18 364	16 409	16 700	18 484	16 234	18 738	19 845	19 982	19 015	15 629	49 288	51 593	54 817	54 626	210 324
1997	14 975	18 003	18 648	17 388	17 049	19 303	17 187	19 341	21 421	20 889	19 774	17 016	51 626	53 740	57 949	57 679	220 994
Seasonally Adjusted—Millions of Dollars																	
1987	13 293	13 424	13 438	13 528	13 598	13 670	13 641	13 618	13 709	13 529	13 540	13 433	40 155	40 796	40 968	40 502	(X)
1988	13 689	13 802	13 730	13 765	13 941	14 342	14 138	13 985	14 250	14 011	14 106	14 634	41 221	42 048	42 373	42 751	(X)
1989	14 653	14 525	14 434	14 671	14 428	14 486	14 122	14 637	14 416	14 485	14 396	14 381	43 612	43 585	43 175	43 262	(X)
1990	14 543	14 697	14 714	14 202	14 937	14 801	14 543	14 594	14 315	14 559	14 343	14 514	43 954	43 940	43 452	43 416	(X)
1991	14 248	14 163	13 942	14 476	14 375	14 470	14 779	14 797	14 827	15 069	15 135	14 795	42 353	43 321	44 403	44 999	(X)
1992	15 055	15 046	15 212	15 393	15 337	15 483	15 897	15 303	15 533	15 571	15 656	16 135	45 313	46 213	46 733	47 362	(X)
1993	16 332	16 333	16 090	15 898	16 092	16 461	16 061	16 377	16 441	16 408	16 736	16 128	48 755	48 451	48 879	49 272	(X)
1994	16 380	16 622	16 942	16 995	17 198	17 019	17 130	17 403	17 536	17 498	17 333	17 663	49 944	51 212	52 069	52 494	(X)
1995	18 020	17 561	17 558	17 350	17 476	17 634	17 497	17 794	17 492	17 575	17 508	17 121	53 139	52 460	52 783	52 204	(X)
1996	16 684	17 063	17 529	17 511	17 707	17 528	17 500	17 578	17 437	17 702	18 142	17 786	51 276	52 746	52 513	53 630	(X)
1997	17 812	18 215	17 830	18 520	18 102	18 266	18 515	18 221	18 793	18 589	18 795	19 234	53 857	54 888	55 529	56 598	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.6	1.0	.1	.7	.5	.5	–.2	–.2	.7	–1.3	.1	–.8	1.1	1.6	.4	–1.1	(X)
1988	1.9	.8	–.5	.3	1.3	2.9	–1.4	–1.1	1.9	–1.7	.7	3.7	1.8	2.0	.8	.9	(X)
1989	.1	–.9	–.6	1.6	–1.7	.4	–2.5	3.6	–1.5	.5	–.6	–.1	2.0	–.1	–.9	.2	(X)
1990	1.1	1.1	.1	–3.5	5.2	–.9	–1.7	.4	–1.9	1.7	–1.5	1.2	1.6	–	–1.1	–.1	(X)
1991	–1.8	–.6	–1.6	3.8	–.7	.7	2.1	.1	.2	1.6	.4	–2.2	–2.4	2.3	2.5	1.3	(X)
1992	1.8	–.1	1.1	1.2	–.4	1.0	2.7	–3.7	1.5	.2	.5	3.1	.7	2.0	1.1	1.3	(X)
1993	1.2	–	–1.5	–1.2	1.2	2.3	–2.4	2.0	.4	–.2	2.0	–3.6	2.9	–.6	.9	.8	(X)
1994	1.6	1.5	1.9	.3	1.2	–1.0	.7	1.6	.8	–.2	–.9	1.9	1.4	2.5	1.7	.8	(X)
1995	2.0	–2.5	–	–1.2	.7	.9	–.8	1.7	–1.7	.5	–.4	–2.2	1.2	–1.3	.6	–1.1	(X)
1996	–2.6	2.3	2.7	–.1	1.1	–1.0	–.2	.4	–.8	1.5	2.5	–2.0	–1.8	2.9	–.4	2.1	(X)
1997	.1	2.3	–2.1	3.9	–2.3	.9	1.4	–1.6	3.1	–1.2	1.2	2.3	.4	1.9	1.2	1.9	(X)
CONSUMER STAPLES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	39 393	42 428	43 769	42 391	43 336	48 565	43 304	44 633	48 737	45 817	45 445	45 972	125 590	132 292	136 674	137 234	531 790
1988	42 611	44 742	47 220	45 342	46 765	49 938	45 386	48 644	51 476	48 733	48 807	49 135	134 573	142 045	145 508	146 675	568 799
1989	46 578	49 029	51 609	50 091	51 663	53 855	48 520	51 944	55 049	52 857	52 256	52 584	147 218	155 609	155 513	157 697	616 035
1990	49 382	51 688	54 314	51 929	53 691	55 448	51 017	56 730	60 552	59 650	58 636	55 756	155 384	161 068	168 299	174 042	658 793
1991	51 344	53 824	55 512	53 254	56 558	57 969	52 784	56 252	59 709	57 732	57 556	55 248	160 680	187 781	168 745	170 534	667 740
1992	50 586	53 032	56 370	54 249	55 995	60 537	54 875	55 889	62 455	57 901	58 043	58 570	159 988	170 781	173 219	174 514	678 502
1993	52 871	55 293	59 501	55 691	56 536	60 859	55 668	57 714	62 445	58 979	57 835	57 900	167 665	173 086	175 827	174 714	691 292
1994	52 777	55 977	59 049	55 790	57 234	61 125	56 021	61 007	63 692	60 687	60 840	61 837	167 803	174 149	180 720	183 364	706 036
1995	55 969	59 050	61 216	59 252	60 915	64 111	59 331	64 005	66 636	64 367	63 557	63 755	176 235	184 278	189 972	191 879	742 164
1996	59 020	60 817	64 074	63 040	64 559	65 695	63 185	66 957	69 239	69 291	68 006	66 457	183 911	193 294	199 381	203 754	780 340
1997	63 086	63 988	66 478	64 484	67 016	69 085	65 659	69 670	71 651	70 406	69 340	68 737	193 550	200 585	206 980	208 483	809 598
Seasonally Adjusted—Millions of Dollars																	
1987	42 379	43 218	43 018	43 699	43 554	44 391	45 230	44 511	45 255	45 170	45 300	45 538	128 615	131 644	134 998	136 008	(X)
1988	45 895	45 781	46 436	46 732	46 870	47 735	47 512	48 319	47 832	47 813	48 482	48 888	138 092	141 337	143 663	145 183	(X)
1989	50 285	50 311	50 858	51 687	51 701	51 683	50 865	51 436	51 235	51 442	51 545	52 494	151 454	155 051	153 536	155 481	(X)
1990	53 487	53 298	53 629	53 789	53 667	53 346	53 579	56 010	56 546	57 636	57 267	55 852	160 414	160 802	166 135	170 755	(X)
1991	55 762	55 700	54 843	55 277	58 598	55 561	55 209	55 591	55 584	55 972	56 114	55 201	166 305	167 436	166 384	167 287	(X)
1992	55 109	55 010	55 427	56 394	56 112	57 599	57 266	55 255	57 997	56 348	56 905	58 230	165 546	170 105	170 518	171 483	(X)
1993	57 543	57 370	58 545	57 819	56 747	58 133	58 019	56 925	58 031	57 437	57 109	57 456	173 458	172 699	172 975	172 002	(X)
1994	57 271	57 991	58 264	57 885	57 606	58 685	58 323	59 861	59 408	59 066	60 076	61 361	173 526	174 176	177 592	180 503	(X)
1995	60 460	61 186	60 675	61 290	61 299	61 896	61 599	62 591	62 525	62 411	62 643	63 324	182 321	184 485	188 715	188 378	(X)
1995	63 533	63 094	63 747	65 079	64 923	63 742	65 271	65 364	65 320	66 963	66 846	68 166	190 374	193 744	195 955	199 975	(X)
1997	67 660	68 548	66 239	66 654	67 355	67 207	67 636	68 019	67 732	68 051	68 088	68 448	200 447	201 216	203 387	204 587	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.1	2.0	–.5	1.8	–.3	1.9	1.9	–1.6	1.7	–.2	.3	.5	1.7	2.4	2.5	.7	(X)
1988	.8	–.3	1.5	.6	.3	1.8	–.5	1.7	–1.0	–	1.4	.8	1.5	2.3	1.6	1.1	(X)
1989	2.9	.1	1.1	1.6	.1	–	–1.6	1.1	–.4	.4	.2	1.8	4.3	2.4	–1.0	1.3	(X)
1990	1.9	–.4	.6	.3	–.2	–.6	.4	4.5	1.0	1.9	–.6	–2.5	3.2	.2	3.3	2.8	(X)
1991	–.2	–.1	–1.5	.8	2.4	–1.8	–.6	.7	–	.7	.3	–1.6	–2.6	.7	–.6	.5	(X)
1992	–.2	–.2	.8	1.7	–.5	2.7	–.6	–3.5	5.0	–2.8	1.0	2.3	–1.0	2.8	.2	.6	(X)
1993	–1.2	–.3	2.0	–1.2	–1.9	2.4	–.2	–1.9	1.9	–1.0	–.6	.6	1.2	–.4	.2	–.8	(X)
1994	–.3	1.3	.5	–.7	–.5	1.9	–.6	2.6	–.8	–.6	1.7	2.1	.9	.4	2.0	1.6	(X)
1995	–1.5	1.2	–.8	1.0	–	1.0	–.5	1.6	–.1	–.2	.4	1.1	1.0	1.2	1.2	.9	(X)
1996	.3	–.7	1.0	2.1	–.2	–1.8	2.4	.1	–.1	2.5	–.2	–1.0	1.1	1.8	1.1	2.1	(X)
1997	2.3	–1.6	–.5	.6	1.1	–.2	.6	.6	–.4	.5	.1	.5	.2	.4	1.1	.6	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
MACHINERY AND EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	26 831	31 518	34 501	31 378	30 998	35 243	28 114	29 049	35 185	33 112	32 332	38 287	92 848	97 819	92 348	101 711	384 526
1988	28 898	33 588	38 070	34 848	35 599	39 848	31 044	33 403	39 144	36 828	35 818	40 334	100 558	110 095	103 591	112 978	427 220
1989	32 520	37 074	40 923	37 823	38 097	42 195	31 888	38 745	41 558	37 474	37 137	41 398	110 517	118 115	109 991	118 009	454 632
1990	31 463	39 021	42 866	38 191	39 312	44 970	34 015	38 183	43 005	40 792	37 824	42 173	113 350	122 473	115 203	120 789	471 815
1991	32 398	37 362	39 869	38 479	39 689	43 943	34 233	37 280	43 193	41 412	40 574	41 187	109 829	122 111	114 706	123 153	469 599
1992	33 342	39 527	45 859	40 662	40 596	48 093	35 817	39 010	45 071	42 123	42 144	48 310	118 728	129 351	119 898	132 577	500 554
1993	36 277	41 824	48 617	42 171	43 213	49 452	34 834	40 972	46 851	44 003	44 897	51 368	128 718	134 838	122 657	140 288	524 479
1994	38 609	45 209	52 135	45 229	46 630	54 053	38 385	46 202	52 316	47 468	48 982	54 115	135 953	145 912	138 903	150 565	569 333
1995	42 495	50 134	56 401	49 063	50 315	58 355	40 572	48 624	56 257	51 272	52 094	57 944	149 030	157 733	145 453	181 310	613 528
1996	43 106	52 662	58 859	51 658	54 511	61 841	44 428	52 482	81 534	54 299	55 296	62 322	154 627	168 010	158 424	171 917	852 978
1997	46 470	55 613	65 022	56 949	57 321	67 573	51 328	56 887	87 385	59 605	58 716	89 124	167 105	181 843	175 600	187 445	711 993
Seasonally Adjusted—Millions of Dollars																	
1967	30 876	31 636	31 581	31 493	31 004	31 873	32 414	31 250	32 729	32 875	32 844	33 512	94 073	94 170	96 393	99 231	(X)
1988	33 520	33 973	34 794	34 884	35 624	35 659	38 030	35 831	36 363	36 580	36 523	37 400	102 287	108 187	108 024	110 503	(X)
1989	37 642	37 645	37 355	38 117	37 977	37 584	38 888	38 857	38 687	37 137	37 891	38 256	112 842	113 678	114 390	113 284	(X)
1990	38 892	39 980	39 069	38 606	39 181	39 950	39 830	40 283	39 962	40 413	38 556	38 426	115 941	117 737	120 075	117 395	(X)
1991	38 328	38 411	36 117	38 999	39 796	38 755	40 295	39 487	40 224	41 255	41 099	37 893	112 858	117 550	120 006	120 247	(X)
1992	39 687	40 614	41 394	41 362	40 652	42 213	42 340	41 328	41 736	42 299	42 535	43 937	121 875	124 227	125 404	128 771	(X)
1993	43 076	42 660	43 771	42 837	43 208	43 540	41 894	43 404	43 290	44 307	45 226	48 519	129 507	129 585	128 388	138 052	(X)
1994	45 522	45 859	46 793	46 198	48 584	47 597	46 588	48 703	48 301	47 910	49 392	49 196	138 174	140 379	143 592	148 498	(X)
1995	50 082	50 878	50 493	50 521	50 751	51 530	49 234	51 059	51 554	51 749	52 803	52 655	151 253	152 802	151 847	157 207	(X)
1996	51 018	53 489	52 414	53 255	55 070	54 440	53 750	54 972	56 228	54 971	56 259	58 005	158 921	162 765	164 950	187 235	(X)
1997	55 266	58 480	57 917	58 641	58 157	59 493	61 486	59 632	61 447	60 241	59 915	62 456	169 663	178 291	182 545	182 612	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	-3.1	2.5	-.2	-.2	-1.6	2.2	2.3	-3.6	4.7	.4	-.1	2.0	.3	.1	2.4	2.9	(X)
1988	-	1.4	2.4	.3	2.1	.1	1.0	-1.1	2.1	.6	-.2	2.4	3.1	3.8	1.7	2.3	(X)
1989	.6	-	-.8	2.0	-.4	-1.0	-1.9	5.4	-.5	-4.0	2.0	1.0	1.9	.9	.6	-1.0	(X)
1990	-3.6	8.4	-2.3	-1.2	1.5	2.0	-.3	1.1	-.8	1.1	-4.6	-.3	2.3	1.5	2.0	-2.2	(X)
1991	-.3	.2	-6.0	8.0	2.0	-2.6	4.0	-2.0	1.9	2.6	-.4	-7.8	-3.9	4.2	2.1	.2	(X)
1992	4.7	2.4	1.9	-.1	-1.7	3.8	.3	-2.4	1.0	1.3	.6	3.3	1.2	2.1	.9	2.7	(X)
1993	-2.0	-1.0	2.6	-2.1	.9	.8	-4.2	4.1	-.3	2.3	2.1	2.9	.6	.1	-.9	6.0	(X)
1994	-2.1	.7	2.0	-1.3	.8	2.2	-2.1	4.5	-.8	-.8	3.1	-.4	1.6	1.8	2.3	2.0	(X)
1995	1.8	1.2	-.4	.1	.5	1.5	-4.5	3.7	1.0	.4	2.0	-.3	3.2	1.0	-.8	3.5	(X)
1996	-3.1	4.8	-2.0	1.6	3.4	-1.1	-1.3	2.3	2.3	-2.2	2.3	-.5	-.2	3.7	1.3	1.4	(X)
1997	-1.3	2.2	2.5	1.3	-.8	2.3	3.3	-3.0	3.0	-2.0	-.5	4.2	1.5	3.9	3.5	-	(X)
BUSINESS SUPPLIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	14 791	15 754	16 375	16 280	16 279	18 891	15 558	16 400	17 364	17 578	17 017	16 890	48 920	49 450	49 322	51 483	197 175
1988	18 303	16 809	17 705	17 638	17 275	17 977	18 639	17 808	18 628	18 851	18 436	18 113	50 817	52 890	53 075	55 400	212 182
1989	17 458	18 554	18 755	19 284	18 860	19 317	17 480	18 836	19 665	19 790	19 177	18 262	54 767	57 441	55 981	57 229	225 418
1990	18 351	19 042	19 763	20 049	19 297	20 023	18 281	20 350	21 591	21 878	20 938	19 469	57 156	59 369	60 202	62 281	239 008
1991	18 854	19 370	19 753	19 988	19 630	19 792	18 349	19 849	20 511	21 046	20 330	19 027	57 977	59 410	58 709	60 403	236 499
1992	17 902	18 951	20 015	20 559	19 999	20 979	19 606	19 802	21 068	21 872	20 733	20 369	56 868	61 537	60 476	62 974	241 855
1993	18 893	20 479	21 305	21 253	20 725	21 555	19 479	20 421	21 569	21 914	21 059	19 816	60 677	63 533	61 469	62 789	248 468
1994	18 894	20 309	21 472	21 230	21 642	22 446	20 414	22 259	22 797	22 643	22 875	21 770	60 675	65 318	65 470	67 088	258 551
1995	20 770	22 219	22 995	23 100	23 008	24 148	21 820	23 532	24 062	24 093	23 885	22 819	85 984	70 256	69 414	70 797	276 451
1996	21 439	23 218	23 720	24 942	24 258	25 066	23 061	24 443	25 149	24 918	25 076	23 795	88 377	74 266	72 653	73 789	289 085
1997	22 663	24 486	24 717	25 405	24 891	28 318	23 946	25 523	28 691	28 435	25 892	25 523	71 868	76 614	76 160	77 850	302 490
Seasonally Adjusted—Millions of Dollars																	
1987	15 588	15 976	16 119	16 119	18 320	18 563	18 668	16 450	16 605	16 838	18 889	17 015	47 663	49 002	49 723	50 742	(X)
1988	17 187	17 068	17 423	17 362	17 386	17 621	17 876	17 832	17 822	17 974	18 213	18 449	51 878	52 369	53 530	54 636	(X)
1989	16 474	18 881	18 516	18 911	18 929	18 958	18 730	18 833	18 825	18 806	18 818	18 763	55 851	58 798	56 388	56 387	(X)
1990	19 534	19 425	19 556	19 812	19 418	19 653	19 513	20 295	20 724	20 843	20 474	20 102	58 515	58 683	60 532	61 219	(X)
1991	20 229	19 839	19 581	19 529	19 629	19 328	19 443	19 758	19 678	19 869	19 820	19 686	59 649	58 486	58 879	59 375	(X)
1992	19 397	19 419	19 761	20 087	19 964	20 373	20 708	19 713	20 220	20 660	20 208	21 027	58 577	60 424	60 641	61 895	(X)
1993	20 591	20 986	21 074	20 843	20 661	20 782	20 533	20 278	20 694	20 768	20 604	20 442	62 651	62 286	61 505	61 812	(X)
1994	20 682	20 773	21 195	20 755	21 553	21 571	21 552	22 094	21 924	21 651	22 209	22 452	62 630	63 879	65 570	66 312	(X)
1995	22 717	22 685	22 773	22 681	22 968	23 170	23 077	23 351	23 163	23 217	23 380	23 454	68 175	68 819	69 591	70 051	(X)
1996	23 433	23 700	23 623	24 366	24 225	24 020	24 375	24 209	24 125	24 074	24 554	24 344	70 756	72 611	72 709	72 972	(X)
1997	24 796	25 052	24 818	24 737	24 860	25 121	25 298	25 248	25 547	25 580	25 358	28 016	74 466	74 718	76 091	76 954	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.8	2.6	.9	-	1.2	1.5	.6	-1.3	.9	1.4	.3	.7	3.9	2.8	1.5	2.0	(X)
1988	1.0	-.7	2.1	-.4	.1	1.4	1.4	-.2	-.1	.9	1.3	1.3	1.8	1.3	2.2	2.1	(X)
1989	.1	2.1	-1.8	2.1	.1	.2	-1.2	.5	-	-.1	.1	-.3	2.2	1.7	-.7	-	(X)
1990	4.1	-.6	.7	.3	-1.0	1.2	-.7	4.0	2.1	-.4	-.8	-1.8	3.8	.3	3.2	1.1	(X)
1991	.6	-1.9	-1.3	-.3	.5	-1.5	.6	1.6	-.4	1.0	-.2	-.7	-2.6	-1.9	.7	.8	(X)
1992	-1.5	.1	1.8	1.6	-.6	2.0	1.6	-4.8	2.6	2.2	-2.2	4.1	-1.3	3.2	.4	2.1	(X)
1993	-2.1	1.9	.4	-1.1	-.9	.6	-1.2	-1.2	2.1	.3	-.8	-.8	1.2	-.6	-1.3	.5	(X)
1994	1.1	.5	2.0	-2.1	3.8	.1	-.1	2.5	-.8	-1.2	2.6	1.1	1.3	2.0	2.6	1.1	(X)
1995	1.2	-.1	.4	-.4	1.3	.9	-.4	1.2	-.8	.2	.7	.3	2.8	.9	1.1	.7	(X)
1996	-.1	1.1	-.3	3.1	-.6	-.8	1.5	-.7	-.3	-.2	2.0	-.9	1.0	2.6	.1	.4	(X)
1997	1.9	1.0	-1.7	.5	.5	1.0	.7	-.2	1.2	.1	-.9	2.6	2.0	.3	1.8	1.1	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
CONSTRUCTION MATERIALS AND SUPPLIES—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	11 302	13 102	13 758	13 747	13 515	14 489	13 509	13 923	15 084	15 250	14 123	13 063	38 162	41 751	42 516	42 436	164 865
1988	12 164	13 628	14 912	15 080	14 840	16 022	14 037	15 034	15 785	15 542	14 546	14 004	40 704	45 942	44 856	44 092	175 594
1989	13 648	14 300	15 283	15 104	15 278	16 240	14 091	15 879	15 999	15 957	14 769	13 535	43 231	46 622	45 969	44 261	180 083
1990	13 149	14 752	15 643	15 273	15 743	16 651	14 680	15 938	15 847	15 836	14 158	12 934	43 544	47 667	46 465	42 928	180 604
1991	12 242	13 165	13 652	14 208	14 614	15 658	14 147	15 307	15 674	15 677	14 515	13 017	39 059	44 480	45 128	43 209	171 876
1992	12 781	14 239	15 329	15 321	15 655	16 867	14 969	16 165	16 890	16 538	15 268	14 476	42 349	47 843	48 024	46 282	184 498
1993	13 641	15 852	16 714	16 401	16 916	18 119	15 427	17 220	18 120	17 844	17 022	15 951	46 207	51 436	50 767	50 817	199 227
1994	15 095	16 752	18 234	17 845	18 282	19 430	17 184	19 391	19 642	19 484	18 770	17 447	50 081	55 557	56 217	55 701	217 556
1995	17 001	18 625	19 312	18 543	19 124	20 240	17 871	20 279	20 675	20 448	18 893	17 236	54 938	57 907	58 825	56 577	228 247
1996	16 744	17 872	19 078	19 465	20 425	21 443	19 640	21 538	21 723	21 797	20 170	18 221	53 694	61 333	62 901	60 188	238 116
1997	18 027	19 852	20 600	21 358	21 314	22 511	20 911	22 354	23 145	22 564	20 588	19 325	58 479	65 183	66 410	62 477	252 549
Seasonally Adjusted—Millions of Dollars																	
1987	13 080	13 901	13 507	13 374	13 223	13 293	13 900	13 427	14 048	14 268	14 514	14 574	40 488	39 890	41 375	43 356	(X)
1988	13 987	14 390	14 623	14 706	14 517	14 692	14 537	14 448	14 717	14 557	14 844	15 589	43 000	43 915	43 702	44 990	(X)
1989	15 648	15 079	14 995	14 868	14 933	14 882	14 623	15 242	14 936	14 962	15 045	15 009	45 722	44 683	44 801	45 016	(X)
1990	15 092	15 564	15 385	15 123	15 376	15 238	15 215	15 206	14 766	14 871	14 381	14 242	46 041	45 737	45 187	43 494	(X)
1991	14 067	13 774	13 453	14 140	14 259	14 323	14 665	14 588	14 597	14 755	14 728	14 358	41 294	42 722	43 850	43 841	(X)
1992	14 743	14 842	15 173	15 242	15 284	15 466	15 561	15 366	15 694	15 591	15 474	15 933	44 758	45 992	46 621	46 998	(X)
1993	15 712	16 437	16 535	16 339	16 503	16 654	16 096	16 311	16 843	16 830	17 221	17 582	48 684	49 496	49 250	51 633	(X)
1994	17 293	17 358	18 075	17 833	17 858	17 958	17 993	18 385	18 296	18 376	18 944	19 154	52 726	53 649	54 674	56 474	(X)
1995	19 368	19 383	19 158	18 557	18 686	18 777	18 630	19 222	19 255	19 235	19 103	18 902	57 909	56 020	57 107	57 240	(X)
1996	19 095	18 643	18 956	19 417	19 946	19 944	20 278	20 420	20 230	20 498	20 489	19 984	56 694	59 307	60 928	60 971	(X)
1997	20 563	20 795	20 542	21 248	20 806	20 973	21 393	21 215	21 553	21 283	20 994	21 152	61 900	63 027	64 161	63 429	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	2.5	6.3	−2.8	−1.0	−1.1	.5	4.6	−3.4	4.6	1.6	1.7	.4	4.8	−1.5	3.7	4.8	(X)
1988	−4.0	2.9	1.6	.6	−1.3	1.2	−1.1	−.6	1.9	−1.1	2.0	5.0	−.8	2.1	−.5	2.9	(X)
1989	.4	−3.6	−.6	−.8	.4	−.3	−1.7	4.2	−2.0	.2	.6	−.2	1.6	−2.3	.3	.5	(X)
1990	.6	3.1	−1.2	−1.7	1.7	−.9	−.2	−.1	−2.9	.7	−3.3	−1.0	2.3	−.7	−1.2	−3.7	(X)
1991	−1.2	−2.1	−2.3	5.1	.8	.4	2.4	−.5	.1	1.1	−.2	−2.5	−5.1	3.5	2.6	–	(X)
1992	2.7	.7	2.2	.5	.3	1.2	.6	−1.3	2.1	−.7	−.8	3.0	2.1	2.8	1.4	.8	(X)
1993	−1.4	4.6	.6	−1.2	1.0	.9	−3.4	1.3	3.3	−.1	2.3	2.1	3.6	1.7	−.5	4.8	(X)
1994	−1.6	.4	4.1	−1.3	.1	.6	.2	2.2	−.5	.4	3.1	1.1	2.1	1.8	1.9	3.3	(X)
1995	1.1	.1	−1.2	−3.1	.7	.5	−.8	3.2	.2	−.1	−.7	−1.1	2.5	−3.3	1.9	.2	(X)
1996	1.0	−2.4	1.7	2.4	2.7	–	1.7	.7	−.9	1.3	–	−2.5	−1.0	4.6	2.7	.1	(X)
1997	2.9	1.1	−1.2	3.4	−2.1	.8	2.0	−.8	1.6	−1.3	−1.4	.8	1.5	1.8	1.8	−1.1	(X)
DEFENSE PRODUCTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	7 194	8 347	9 735	8 390	8 608	9 534	8 106	8 351	9 411	8 787	8 988	10 319	25 276	26 532	25 868	28 094	105 770
1988	7 206	8 378	9 538	7 963	8 072	9 170	7 575	8 370	9 189	8 151	8 804	11 212	25 122	25 205	25 134	28 167	103 628
1989	7 064	8 055	8 837	7 769	8 193	9 010	7 118	8 059	8 729	7 868	8 573	10 490	23 956	24 972	23 906	26 931	99 765
1990	6 825	7 669	9 337	7 944	8 748	9 152	7 784	8 504	8 634	8 358	8 934	10 135	23 831	25 844	24 922	27 427	102 024
1991	6 532	7 671	8 417	7 954	7 765	8 522	6 937	8 412	8 909	8 081	8 552	9 811	22 620	24 241	24 258	26 444	97 563
1992	6 406	7 790	8 322	7 579	7 561	8 151	6 959	7 285	8 483	7 259	7 762	9 332	22 518	23 291	22 727	24 353	92 889
1993	5 911	7 180	7 898	6 902	6 966	7 837	6 608	6 692	7 807	7 274	7 198	7 761	20 989	21 705	21 107	22 233	86 034
1994	5 765	6 507	7 231	6 416	6 531	7 163	6 153	6 782	7 173	6 653	6 997	7 422	19 503	20 110	20 108	21 072	80 793
1995	5 815	6 478	7 105	6 187	6 424	7 009	5 812	6 420	7 046	6 199	6 202	7 334	19 398	19 620	19 278	19 735	78 031
1996	5 402	6 192	6 839	5 869	6 180	6 969	5 435	6 140	6 888	5 806	6 648	7 528	18 433	19 018	18 463	19 982	75 896
1997	5 283	6 813	6 904	6 332	6 350	7 484	5 972	6 228	6 912	6 589	7 268	7 388	19 000	20 166	19 112	21 245	79 523
Seasonally Adjusted—Millions of Dollars																	
1987	8 578	8 439	9 325	8 820	8 856	9 002	8 975	8 612	9 002	8 793	8 629	8 571	26 342	26 678	26 589	25 993	(X)
1988	8 671	8 585	9 123	8 400	8 269	8 645	8 437	8 641	8 687	8 225	8 451	9 189	26 379	25 314	25 765	25 865	(X)
1989	8 570	8 410	8 435	8 200	8 368	8 455	7 964	8 302	8 175	7 976	8 192	8 458	25 415	25 023	24 441	24 626	(X)
1990	8 355	8 107	8 903	8 388	8 947	8 583	8 753	8 758	8 031	8 488	8 523	8 183	25 365	25 918	25 542	25 194	(X)
1991	8 018	8 110	7 996	8 398	7 990	7 979	7 779	8 655	8 254	8 249	8 168	8 052	24 124	24 367	24 688	24 469	(X)
1992	7 905	8 164	7 830	8 016	7 794	7 607	7 751	7 514	7 821	7 443	7 516	7 729	23 899	23 417	23 086	22 688	(X)
1993	7 224	7 450	7 429	7 321	7 206	7 273	7 303	6 908	7 153	7 478	7 036	6 593	22 103	21 800	21 364	21 107	(X)
1994	6 965	6 697	6 775	6 773	6 745	6 638	6 745	7 009	6 550	6 845	6 934	6 427	20 437	20 156	20 304	20 206	(X)
1995	6 912	6 578	6 652	6 526	6 627	6 478	6 405	6 639	6 456	6 372	6 165	6 401	20 142	19 631	19 500	18 938	(X)
1996	6 429	6 190	6 389	6 188	6 372	6 420	6 029	6 363	6 350	5 958	6 632	6 542	19 008	18 980	18 742	19 132	(X)
1997	6 298	6 715	6 449	6 670	6 556	6 881	6 632	6 487	6 387	6 734	7 278	6 509	19 462	20 107	19 506	20 521	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−3.4	−1.6	10.5	−5.4	.4	1.6	−.3	−4.0	4.5	−2.3	−1.9	−.7	−.3	1.3	−.3	−2.2	(X)
1988	1.2	−1.0	6.3	−7.9	−1.6	4.5	−2.4	2.4	.5	−5.3	2.7	8.7	1.5	−4.0	1.8	.4	(X)
1989	−6.7	−1.9	.3	−2.8	2.0	1.0	−5.8	4.2	−1.5	−2.4	2.7	3.2	−1.7	−1.5	−2.3	.8	(X)
1990	−1.2	−3.0	9.8	−5.8	6.7	−4.1	2.0	.1	−8.3	5.7	.4	−4.0	3.0	2.2	−1.5	−1.4	(X)
1991	−2.0	1.1	−1.4	5.0	−4.9	−.1	−2.5	11.3	−4.6	−.1	−1.0	−1.4	−4.2	1.0	1.3	−.9	(X)
1992	−1.8	3.3	−4.1	2.4	−2.8	−2.4	1.9	−3.1	4.1	−4.8	1.0	2.8	−2.3	−2.0	−1.4	−1.7	(X)
1993	−6.5	3.1	−.3	−1.5	−1.6	.9	.4	−5.4	3.5	4.5	−5.9	−6.3	−2.6	−1.4	−2.0	−1.2	(X)
1994	5.6	−3.8	1.2	–	−.4	−1.6	1.6	3.9	−6.5	4.5	1.3	−7.3	−3.2	−1.4	.7	−.5	(X)
1995	7.5	−4.8	1.1	−1.9	1.5	−2.2	−1.1	3.7	−2.8	−1.3	−3.2	3.8	−.3	−2.5	−.7	−2.9	(X)
1996	.4	−3.7	3.2	−3.1	3.0	.8	−6.1	5.5	−.2	−6.2	11.3	−1.4	.4	−.1	−1.3	2.1	(X)
1997	−3.7	6.6	−4.0	3.4	−1.7	5.0	−3.6	−2.2	−1.5	5.4	8.1	−10.6	1.7	3.3	−3.0	5.2	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
OTHER MATERIALS, SUPPLIES, AND INTERMEDIATE PRODUCTS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	60 101	68 036	70 551	68 140	68 397	72 185	63 462	67 623	73 343	72 613	70 748	69 007	198 688	208 722	204 428	212 368	824 206
1988	67 474	74 332	78 456	76 957	77 504	82 525	70 876	77 665	83 081	81 392	78 826	77 895	220 262	236 986	231 622	238 113	928 983
1989	77 591	82 888	85 056	83 840	83 369	86 348	72 944	80 499	83 829	81 909	78 667	74 961	245 535	253 557	237 272	235 537	971 901
1990	73 289	80 639	85 591	81 342	83 108	86 680	74 313	83 513	85 748	85 447	80 044	74 764	239 519	251 130	243 574	240 255	974 478
1991	73 808	78 307	79 430	79 706	80 786	84 179	73 689	81 127	84 735	84 154	79 731	73 989	231 545	244 871	239 551	237 874	953 641
1992	74 452	81 367	85 428	84 246	84 464	89 963	77 653	83 678	87 623	87 050	83 228	81 057	241 247	258 873	248 954	251 335	1 000 209
1993	78 394	87 494	91 328	87 814	87 680	94 179	78 004	87 049	92 362	90 080	88 767	85 171	257 216	269 673	257 415	264 018	1 048 322
1994	83 701	91 926	97 806	93 846	96 413	102 543	86 026	99 412	102 642	100 903	100 492	98 649	273 433	292 802	288 080	300 044	1 154 359
1995	98 068	106 409	112 781	105 840	109 061	114 685	94 662	109 462	113 840	109 733	106 899	103 358	317 258	329 586	317 964	319 990	1 284 798
1996	99 197	107 813	111 313	109 311	112 411	116 113	98 170	110 459	114 915	112 052	109 733	104 981	318 323	337 835	323 544	326 766	1 306 468
1997	104 108	114 860	119 095	116 670	115 357	122 254	103 802	115 727	124 102	119 630	115 138	112 384	338 063	354 281	343 831	347 152	1 383 127
Seasonally Adjusted—Millions of Dollars																	
1987	64 266	66 682	67 072	66 695	67 148	68 001	69 481	68 544	70 349	70 949	72 173	72 676	198 020	201 844	208 374	215 798	(X)
1988	72 194	73 201	74 773	75 469	76 092	77 766	77 713	78 282	79 532	79 291	80 103	82 306	220 168	229 327	235 527	241 700	(X)
1989	83 061	82 043	81 348	82 437	81 865	81 358	79 714	80 500	80 134	79 557	79 795	79 342	246 452	245 660	240 348	238 694	(X)
1990	78 826	80 267	82 009	80 174	81 597	81 517	81 136	83 109	82 033	82 827	81 094	79 048	241 102	243 288	246 278	242 969	(X)
1991	79 586	78 158	76 274	78 687	79 256	78 884	80 289	80 651	81 031	81 604	80 777	78 528	234 018	236 827	241 971	240 909	(X)
1992	80 635	81 127	81 676	83 217	82 834	83 908	84 832	83 322	83 784	84 711	84 406	85 786	243 438	249 959	251 938	254 903	(X)
1993	84 879	87 020	87 129	86 791	85 910	87 684	85 825	86 570	88 245	87 962	89 949	90 023	259 028	260 385	260 640	267 934	(X)
1994	90 495	91 264	93 071	92 813	94 354	95 539	95 552	98 543	98 102	99 024	101 731	104 149	274 830	282 706	292 197	304 904	(X)
1995	105 668	105 539	107 351	104 876	106 852	107 110	105 197	108 482	108 515	107 876	108 198	108 497	318 558	318 838	322 194	324 571	(X)
1996	106 949	106 950	106 109	108 207	110 122	108 560	109 399	109 598	109 286	110 078	111 180	109 966	320 008	326 889	328 283	331 224	(X)
1997	112 439	113 702	113 682	115 335	113 141	114 321	115 485	115 156	117 726	117 339	116 704	117 802	339 823	342 797	348 367	351 845	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–.6	3.8	.6	–.6	.7	1.3	2.2	–1.3	2.6	.9	1.7	.7	3.5	1.9	3.2	3.6	(X)
1988	–.7	1.4	2.1	.9	.8	2.2	–.1	.7	1.6	–.3	1.0	2.8	2.0	4.2	2.7	2.6	(X)
1989	.9	–1.2	–.8	1.3	–.7	–.6	–2.0	1.0	–.5	–.7	.3	–.6	2.0	–.3	–2.2	–.7	(X)
1990	–.7	1.8	2.2	–2.2	1.8	–.1	–.5	2.4	–1.3	1.0	–2.1	–2.5	1.0	.9	1.2	–1.3	(X)
1991	.7	–1.8	–2.4	3.2	.7	–.5	1.8	.5	.5	.7	–1.0	–2.8	–3.7	1.2	2.2	–.4	(X)
1992	2.7	.6	.7	1.9	–.5	1.3	1.1	–1.8	.6	1.1	–.4	1.6	1.0	2.7	.8	1.2	(X)
1993	–1.1	2.5	.1	–.4	–1.0	2.1	–2.1	.9	1.9	–.3	2.3	.1	1.6	.5	.1	2.8	(X)
1994	.5	.8	2.0	–.3	1.7	1.3	–	3.1	–.4	.9	2.7	2.4	2.6	2.9	3.4	4.3	(X)
1995	1.5	–.1	1.7	–2.3	1.9	.2	–1.8	3.1	–	–.6	.3	.3	4.5	.1	1.1	.7	(X)
1996	–1.4	–	–.8	2.0	1.8	–1.4	.8	.2	–.3	.7	1.0	–1.1	–1.4	2.2	.4	.9	(X)
1997	2.2	1.1	–	1.5	–1.9	1.0	1.0	–.3	2.2	–.3	–.5	.9	2.6	.9	1.6	1.0	(X)
NONDEFENSE CAPITAL GOODS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	19 712	23 089	26 252	23 251	22 836	27 314	22 291	22 718	28 133	24 712	24 852	30 174	69 053	73 401	73 142	79 738	295 334
1988	21 974	25 861	29 987	26 212	26 982	31 472	25 090	26 370	31 614	27 771	27 522	32 547	77 822	84 666	83 074	87 840	333 402
1989	23 814	27 481	32 074	28 106	28 569	33 485	25 630	28 184	33 178	28 039	27 926	34 384	83 369	90 160	86 992	90 349	350 870
1990	25 154	30 295	33 861	29 208	29 386	35 389	26 990	29 485	34 603	30 319	29 629	36 485	89 310	93 983	91 078	96 433	370 804
1991	25 137	29 711	33 229	29 509	30 180	35 565	27 092	29 026	34 330	30 844	31 096	34 077	88 077	95 254	90 448	96 017	369 796
1992	25 431	30 343	36 510	30 595	30 311	38 584	28 633	29 923	36 022	31 290	32 144	39 662	92 284	99 490	94 578	103 096	389 448
1993	26 634	31 153	38 048	31 035	32 000	38 859	27 351	31 414	36 685	32 079	33 757	41 867	95 835	101 894	95 450	107 703	400 882
1994	28 071	33 156	40 205	32 764	33 683	41 766	30 502	34 053	40 458	34 667	36 501	43 446	101 432	108 213	105 013	114 614	429 272
1995	31 102	37 037	44 061	36 575	37 806	46 596	32 837	37 186	44 992	38 317	40 301	48 577	112 200	120 977	115 015	127 195	475 387
1996	32 206	40 104	47 857	38 602	40 969	49 816	35 689	40 506	49 219	40 997	42 978	53 125	120 167	129 387	125 414	137 100	512 068
1997	34 981	42 405	52 442	43 531	44 250	55 346	41 807	44 367	55 042	45 486	46 160	58 116	129 828	143 127	141 216	149 762	563 933
Seasonally Adjusted—Millions of Dollars																	
1987	23 625	23 776	23 707	24 022	23 555	24 213	24 950	24 322	25 502	25 499	25 511	26 279	71 108	71 790	74 774	77 289	(X)
1988	26 428	26 703	27 057	27 178	27 881	27 713	28 214	28 092	28 589	28 739	28 440	28 199	80 188	82 772	84 895	85 378	(X)
1989	28 540	28 461	28 838	29 216	29 447	29 286	28 973	29 938	30 035	28 974	28 899	29 750	85 839	87 949	88 946	87 623	(X)
1990	30 217	31 517	30 420	30 387	30 345	30 779	30 756	31 368	31 309	31 465	30 597	31 256	92 154	91 511	93 433	93 318	(X)
1991	30 502	30 969	29 648	30 770	31 327	30 717	31 097	30 997	31 215	32 250	31 973	29 253	91 119	92 814	93 309	93 476	(X)
1992	31 096	31 760	32 350	32 093	31 557	33 072	32 973	32 032	32 616	32 879	32 907	33 626	95 206	96 722	97 621	99 412	(X)
1993	32 596	32 514	33 520	32 657	33 261	33 396	31 651	33 649	33 087	33 731	34 461	35 458	98 630	99 314	98 387	103 650	(X)
1994	34 195	34 581	35 265	34 800	35 012	35 826	35 413	36 408	36 439	36 384	37 317	36 784	104 041	105 638	108 260	110 485	(X)
1995	37 936	38 611	38 581	39 210	39 527	40 096	38 280	39 667	40 187	40 202	41 376	41 440	115 128	118 833	118 134	123 018	(X)
1996	39 410	42 010	41 684	41 416	42 821	42 665	41 568	43 156	43 849	43 079	44 312	44 778	123 104	126 902	128 573	132 169	(X)
1997	43 100	44 305	45 713	46 555	46 351	47 363	48 339	47 274	49 036	47 737	47 784	49 238	133 118	140 269	144 649	144 759	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.3	.6	–.3	1.3	–1.9	2.8	3.0	–2.5	4.9	–	–	3.0	–1.7	1.0	4.2	3.4	(X)
1988	.6	1.0	1.3	.4	2.6	–.6	1.8	–.4	1.8	.5	–1.0	–.8	3.8	3.2	2.6	.6	(X)
1989	1.2	–.3	1.3	1.3	.8	–.5	–1.1	3.3	.3	–3.5	–.3	2.9	.5	2.5	1.1	–1.5	(X)
1990	1.6	4.3	–3.5	–.1	–.1	1.4	–.1	2.0	–.2	.5	–2.8	2.2	5.2	–.7	2.1	–.1	(X)
1991	–2.4	1.5	–4.3	3.8	1.8	–1.9	1.2	–.3	.7	3.3	–.9	–8.5	–2.4	1.9	.5	.2	(X)
1992	6.3	2.1	1.9	–.8	–1.7	4.8	–.3	–2.9	1.8	.8	.1	2.2	1.9	1.6	.9	1.8	(X)
1993	–3.1	–.3	3.1	–2.6	1.8	.4	–5.2	6.3	–1.7	1.9	2.2	2.9	–.8	.7	–.9	5.3	(X)
1994	–3.6	1.1	2.0	–1.3	.6	2.3	–1.2	2.8	.1	–.2	2.6	–1.4	.4	1.5	2.5	2.1	(X)
1995	3.1	1.8	–.1	1.6	.8	1.4	–4.5	3.6	1.3	–	2.9	.2	4.2	3.2	–.6	4.1	(X)
1996	–4.9	6.6	–.8	–.6	3.4	–.4	–2.6	3.8	1.6	–1.8	2.9	1.1	.1	3.1	1.3	2.8	(X)
1997	–3.7	2.8	3.2	1.8	–.4	2.2	2.1	–2.2	3.7	–2.6	.1	3.0	.7	5.4	3.1	.1	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
NONDEFENSE CAPITAL GOODS, EXCLUDING AIRCRAFT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	17 240	19 871	22 413	19 825	19 854	23 671	19 185	19 845	24 349	21 424	21 371	25 037	59 524	63 350	83 379	67 832	254 085
1988	18 760	22 068	25 846	22 307	22 820	27 054	21 185	22 841	27 109	23 196	23 205	27 594	66 474	72 181	71 135	73 995	283 785
1989	20 465	23 566	28 890	23 781	24 279	28 497	21 353	23 600	27 300	23 810	23 697	28 698	70 921	78 557	72 253	76 005	295 736
1990	21 285	24 620	28 607	23 990	24 437	28 809	21 727	23 878	27 926	25 015	23 986	28 051	74 512	77 236	73 531	77 052	302 331
1991	20 411	23 249	26 844	23 109	23 727	27 989	21 131	22 844	28 958	24 206	24 076	28 681	70 504	74 825	70 933	74 963	291 225
1992	20 542	23 439	28 321	23 912	24 161	30 183	22 958	24 225	29 182	25 290	25 403	30 873	72 302	78 256	76 383	81 566	308 487
1993	21 892	25 352	30 943	25 006	25 935	30 960	23 475	25 373	31 219	26 995	28 828	34 269	78 187	81 901	80 067	90 090	330 245
1994	23 839	28 502	33 352	28 044	29 316	35 604	26 376	29 352	34 817	30 333	31 466	37 192	85 693	92 964	90 545	98 991	368 193
1995	27 125	31 904	38 224	31 256	33 137	40 235	28 725	32 896	39 521	33 933	34 928	42 078	97 253	104 628	100 942	110 937	413 760
1996	29 000	35 587	42 523	33 906	35 352	44 030	31 382	35 237	43 183	35 930	37 328	45 037	107 110	113 288	109 802	118 295	448 495
1997	30 558	38 842	45 104	36 500	37 677	47 698	35 233	38 077	47 435	39 724	39 515	48 786	112 504	121 875	120 745	128 025	483 149
Seasonally Adjusted—Millions of Dollars																	
1987	20 490	20 439	20 269	20 543	20 401	20 919	21 588	21 103	21 948	22 061	21 958	22 294	81 198	61 863	84 639	66 313	(X)
1988	22 348	22 757	23 183	23 180	23 464	23 757	23 960	24 158	24 369	23 938	24 000	24 331	68 288	70 401	72 487	72 267	(X)
1989	24 293	24 371	24 249	24 764	24 894	24 886	24 244	24 849	24 538	24 298	24 549	25 325	72 913	74 544	73 631	74 172	(X)
1990	25 205	25 570	25 783	25 038	25 065	25 075	24 840	25 179	25 105	25 793	24 775	24 779	76 558	75 178	75 124	75 347	(X)
1991	24 287	24 200	24 035	24 228	24 412	24 249	24 254	24 220	24 382	25 028	24 748	23 589	72 502	72 887	72 856	73 381	(X)
1992	24 645	24 478	25 187	25 300	24 968	28 022	28 435	25 813	28 285	28 234	25 950	28 890	74 308	78 290	78 513	79 074	(X)
1993	26 388	28 399	27 271	26 502	26 781	26 778	27 184	27 084	28 038	28 092	29 382	29 653	80 058	80 061	82 286	87 127	(X)
1994	28 721	29 870	29 229	29 958	30 346	30 639	30 689	31 306	31 179	31 569	32 103	32 017	87 820	90 943	93 174	95 689	(X)
1995	32 859	33 182	33 378	33 787	34 549	34 698	33 644	34 795	35 103	35 358	35 802	36 490	99 417	103 034	103 542	107 648	(X)
1996	35 337	37 234	36 889	36 615	36 887	37 682	36 791	37 460	38 200	37 440	38 441	38 590	109 460	111 184	112 451	114 471	(X)
1997	37 510	38 436	39 077	39 414	39 418	40 696	41 141	40 504	41 931	41 412	40 900	42 028	115 023	119 528	123 576	124 340	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–1.3	–.2	–.8	1.4	–.7	2.5	3.2	–2.2	4.0	.5	–.5	1.5	–.5	1.1	4.5	2.6	(X)
1988	.2	1.8	1.9	–	1.2	1.2	.9	.8	.9	–1.8	.3	1.4	3.0	3.1	3.0	–.3	(X)
1989	–.2	.3	–.5	2.1	.5	–	–2.8	2.5	–1.3	–1.0	1.0	3.2	.9	2.2	–1.2	.7	(X)
1990	–.5	1.4	.8	–2.9	.1	–	–.9	1.4	–.3	2.7	–3.9	–	3.2	–1.8	–.1	.3	(X)
1991	–2.1	–.3	–.7	.8	.8	–.7	–	–.1	.7	2.6	–1.1	–4.7	–3.8	.5	–	.7	(X)
1992	4.5	–.7	2.9	.4	–1.3	4.2	1.8	–2.4	1.8	–.1	–1.1	3.6	1.3	2.7	2.9	.7	(X)
1993	–1.9	–	3.3	–2.8	1.1	–	1.4	–.3	3.5	.2	4.8	.9	1.2	–	2.8	5.9	(X)
1994	–3.1	3.3	–1.5	2.5	1.3	1.0	.2	2.0	–.4	1.3	1.7	–.3	.6	3.8	2.5	2.7	(X)
1995	2.8	1.0	.6	1.2	2.3	.4	–3.0	3.4	.9	.7	1.3	1.9	3.9	3.6	.5	4.0	(X)
1996	–3.2	5.4	–.9	–.7	.7	2.2	–2.4	1.8	2.0	–2.0	2.7	.4	1.7	1.6	1.1	1.8	(X)
1997	–2.8	2.5	1.7	.9	–	3.2	1.1	–1.5	3.5	–1.2	–1.2	2.8	.5	3.9	3.4	.8	(X)
DEFENSE CAPITAL GOODS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	7 338	8 608	10 134	8 598	8 919	9 922	8 383	8 439	9 772	9 065	9 321	10 925	26 080	27 439	26 574	29 311	109 404
1988	7 237	8 371	9 742	7 975	8 068	9 274	7 583	8 502	9 218	8 150	8 882	11 685	25 350	25 317	25 303	28 717	104 687
1989	6 917	7 975	8 811	7 571	8 072	9 267	6 955	8 005	8 796	7 782	8 685	11 157	23 703	24 910	23 756	27 624	99 993
1990	6 670	7 468	9 291	7 834	8 700	9 299	7 707	8 453	8 681	8 384	9 188	10 700	23 427	25 833	24 841	28 270	102 371
1991	6 322	7 572	8 502	7 904	7 778	8 616	6 829	8 390	8 932	8 108	8 714	9 956	22 396	24 298	24 151	26 778	97 623
1992	6 267	7 716	8 190	7 507	7 348	8 124	6 760	7 098	8 274	7 149	7 777	9 599	22 173	22 979	22 132	24 525	91 809
1993	5 690	7 060	7 737	6 721	6 883	7 682	6 398	6 431	7 673	7 055	7 039	7 716	20 487	21 286	20 502	21 810	84 085
1994	5 468	8 191	7 012	6 067	6 167	6 909	5 756	8 450	8 776	8 273	6 709	7 318	18 671	19 143	18 982	20 300	77 096
1995	5 345	8 017	6 882	5 730	6 061	6 612	5 438	6 008	8 824	5 854	5 942	7 102	18 044	18 403	18 070	18 898	73 415
1996	5 010	5 801	6 526	5 475	5 833	6 662	5 055	5 751	6 577	5 527	8 417	7 313	17 337	17 970	17 383	19 257	71 947
1997	4 918	8 413	8 510	5 952	8 037	7 189	5 553	5 829	8 524	8 208	6 981	7 100	17 841	19 158	17 906	20 289	75 194
Seasonally Adjusted—Millions of Dollars																	
1987	8 893	8 830	9 703	9 149	9 249	9 331	9 347	8 759	9 381	9 059	8 820	8 747	27 426	27 729	27 487	28 626	(X)
1988	8 872	8 702	9 309	8 535	8 320	8 708	8 554	8 844	8 724	8 244	8 389	9 189	28 883	25 563	26 122	25 822	(X)
1989	8 563	8 460	8 406	8 106	8 304	8 643	7 889	8 307	8 245	7 915	8 170	8 578	25 429	25 053	24 441	24 663	(X)
1990	8 341	8 022	8 862	8 389	8 962	8 667	8 787	8 775	8 081	8 540	8 838	8 258	25 225	26 018	25 643	25 436	(X)
1991	7 928	8 118	8 096	8 445	8 076	8 018	7 777	8 696	8 298	8 288	8 193	7 887	24 140	24 539	24 771	24 368	(X)
1992	7 908	8 178	7 727	8 050	7 605	7 537	7 649	7 373	7 631	7 344	7 419	7 648	23 811	23 192	22 853	22 409	(X)
1993	7 117	7 390	7 297	7 236	7 152	7 085	7 178	6 888	7 044	7 268	6 776	8 306	21 804	21 473	20 910	20 348	(X)
1994	6 753	6 431	8 581	8 490	6 382	6 359	6 392	8 719	6 187	8 468	6 550	8 109	19 765	19 231	19 298	19 127	(X)
1995	6 484	6 172	8 251	8 127	6 267	8 064	6 083	6 281	8 065	6 025	5 817	5 975	18 907	18 458	18 429	17 817	(X)
1996	8 085	5 858	8 084	5 855	8 022	6 087	5 695	8 028	8 057	5 673	6 318	6 177	18 027	17 964	17 778	18 166	(X)
1997	5 988	6 378	8 061	8 350	6 243	6 538	6 249	8 131	8 020	6 351	8 906	8 085	18 425	19 131	18 400	19 342	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–4.6	–.7	9.9	–5.7	1.1	.9	.2	–6.3	7.1	–3.4	–2.6	–.8	–.9	1.1	–.9	–3.1	(X)
1988	1.4	–1.9	7.0	–8.3	–2.5	4.7	–1.8	3.4	–1.4	–5.5	1.8	9.5	1.0	–4.9	2.2	–1.1	(X)
1989	–6.8	–1.2	–.8	–3.6	2.4	4.1	–8.7	5.3	–.7	–4.0	3.2	5.0	–1.5	–1.5	–2.4	.9	(X)
1990	–2.8	–3.8	10.5	–5.3	6.8	–3.3	1.4	–.1	–7.9	5.7	1.1	–4.4	2.3	3.1	–1.4	–.8	(X)
1991	–4.0	2.4	–.3	4.3	–4.4	–.7	–3.0	11.8	–4.6	–.1	–1.1	–3.7	–5.1	1.7	.9	–1.6	(X)
1992	.3	3.4	–5.5	4.2	–5.5	–.9	1.5	–3.6	3.5	–3.8	1.0	3.1	–2.3	–2.6	–2.3	–1.1	(X)
1993	–6.9	3.8	–1.3	–.8	–1.2	–.9	1.3	–6.8	5.3	3.2	–6.7	–6.9	–2.7	–1.5	–2.6	–2.7	(X)
1994	7.1	–4.8	2.3	–1.4	–1.7	–.4	.5	5.1	–7.9	4.5	1.3	–6.7	–2.9	–2.7	.3	–.9	(X)
1995	6.1	–4.8	1.3	–2.0	2.3	–3.2	.3	3.3	–3.4	–.7	–3.5	2.7	–1.2	–2.4	–.2	–3.3	(X)
1996	1.8	–3.7	3.9	–3.8	2.9	1.1	–6.4	5.8	.5	–6.3	11.3	–2.2	1.2	–.3	–1.0	2.2	(X)
1997	–3.1	6.5	–4.9	4.8	–1.7	4.7	–4.4	–1.9	–1.8	5.5	8.7	–11.9	1.4	3.8	–3.8	5.1	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
DURABLES, EXCLUDING CAPITAL GOODS—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	65 519	76 046	78 320	75 292	74 985	78 651	65 412	71 250	79 110	80 937	76 643	70 629	219 885	228 928	215 772	228 209	892 794
1988	70 531	79 328	84 174	82 748	83 835	88 531	71 183	80 425	88 138	89 464	84 780	80 275	234 033	255 114	239 746	254 519	983 412
1989	81 944	88 509	90 133	89 508	88 620	89 958	71 076	85 985	89 729	89 585	85 483	76 507	260 586	268 086	246 790	251 575	1 027 037
1990	71 942	85 486	90 908	85 792	90 364	93 316	74 744	86 787	88 670	91 806	81 137	71 186	248 336	269 472	250 201	244 129	1 012 138
1991	72 123	78 528	78 816	82 528	85 159	87 492	73 565	84 212	89 721	92 227	85 984	74 224	229 467	255 179	247 498	252 435	984 579
1992	75 857	85 861	90 849	89 644	91 078	95 216	77 276	88 683	93 428	96 487	90 843	85 387	252 567	275 938	259 387	272 717	1 060 609
1993	82 951	95 599	99 842	95 955	96 351	102 448	78 839	93 774	102 173	103 615	100 532	93 589	278 392	294 754	274 786	297 736	1 145 668
1994	92 678	104 332	109 473	105 793	108 815	114 242	88 553	110 815	114 673	114 481	113 046	106 307	306 483	328 850	314 041	333 834	1 283 208
1995	105 444	116 687	121 840	113 521	116 425	121 592	93 317	117 311	123 472	122 702	117 225	108 691	343 971	351 538	334 100	348 618	1 378 227
1996	105 551	117 449	118 924	119 632	123 772	126 524	100 605	120 872	127 961	126 477	122 094	110 283	341 924	369 928	349 438	358 854	1 420 144
1997	111 988	126 220	129 952	127 904	126 201	134 919	108 832	128 126	138 556	136 191	128 752	121 931	368 160	389 024	375 514	386 874	1 519 572
Seasonally Adjusted—Millions of Dollars																	
1987	70 826	74 212	73 925	72 873	72 617	73 426	74 582	73 030	75 401	76 251	77 280	77 510	218 963	218 916	223 013	231 041	(X)
1988	76 532	77 922	79 645	80 258	81 069	82 755	82 058	81 719	83 829	83 867	84 911	88 270	234 099	244 082	247 606	257 048	(X)
1989	89 202	87 420	85 477	87 170	85 566	84 060	81 985	86 309	85 268	83 653	85 441	84 449	262 099	256 796	253 562	253 543	(X)
1990	79 154	85 122	86 293	83 847	87 103	87 173	86 478	86 517	84 162	85 221	80 919	78 324	250 569	258 123	257 157	244 464	(X)
1991	79 749	78 352	75 079	80 958	82 157	81 509	85 176	83 988	85 077	85 543	85 501	81 565	233 180	244 624	254 241	252 609	(X)
1992	84 115	85 303	86 484	87 939	87 931	88 630	89 794	88 516	88 409	90 121	90 328	93 103	255 902	264 500	266 719	273 552	(X)
1993	91 697	94 386	95 033	94 101	93 100	95 357	92 699	93 452	96 593	97 426	99 763	101 139	281 116	282 558	282 744	298 328	(X)
1994	101 922	102 471	104 151	103 916	105 328	106 479	105 869	109 981	108 428	108 424	111 958	114 502	308 544	315 723	324 278	334 884	(X)
1995	115 500	114 316	115 782	111 683	113 181	113 612	111 372	116 122	116 417	116 306	116 171	116 603	345 598	338 476	343 911	349 080	(X)
1996	115 831	115 134	113 173	117 635	120 508	118 252	119 866	119 626	120 386	120 103	121 342	118 249	344 138	356 395	359 878	359 694	(X)
1997	123 216	123 853	123 730	125 618	123 155	126 137	128 896	127 149	129 910	129 137	128 101	130 684	370 799	374 910	385 955	387 922	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−1.9	4.8	−.4	−1.4	−.4	1.1	1.6	−2.1	3.2	1.1	1.3	.3	3.3	–	1.9	3.6	(X)
1988	−1.3	1.8	2.2	.8	1.0	2.1	−.8	−.4	2.6	–	1.2	4.0	1.3	4.3	1.4	3.8	(X)
1989	1.1	−2.0	−2.2	2.0	−1.8	−1.8	−2.5	5.3	−1.2	−1.9	2.1	−1.2	2.0	−2.0	−1.3	–	(X)
1990	−6.3	7.5	1.4	−2.8	3.9	.1	−.8	–	−2.7	1.3	−5.0	−3.2	−1.2	3.0	−.4	−4.9	(X)
1991	1.8	−1.8	−4.2	7.8	1.5	−.8	4.5	−1.4	1.3	.5	–	−4.6	−4.6	4.9	3.9	−.6	(X)
1992	3.1	1.4	1.4	1.7	–	.8	1.3	−1.4	−.1	1.9	.2	3.1	1.3	3.4	.8	2.6	(X)
1993	−1.5	2.9	.7	−1.0	−1.1	2.4	−2.8	.8	3.4	.9	2.4	1.4	2.8	.5	.1	5.5	(X)
1994	.8	.5	1.6	−.2	1.4	1.1	−.6	3.9	−1.4	–	3.3	2.3	3.4	2.3	2.7	3.3	(X)
1995	.9	−1.0	1.3	−3.5	1.3	.4	−2.0	4.3	.3	−.1	−.1	.4	3.2	−2.1	1.6	1.5	(X)
1996	−.7	−.6	−1.7	3.9	2.4	−1.9	1.4	−.2	.6	−.2	1.0	−2.5	−1.4	3.6	1.0	−.1	(X)
1997	4.2	.5	−.1	1.5	−2.0	2.4	2.2	−1.4	2.2	−.6	−.8	2.0	3.1	1.1	2.9	.5	(X)
PRODUCERS' DURABLE EQUIPMENT—SHIPMENTS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	57 140	67 450	71 497	65 604	65 250	71 124	55 915	60 365	70 952	68 897	66 694	67 189	196 087	201 978	187 232	202 780	788 077
1988	60 468	69 754	76 023	70 931	72 980	78 994	60 865	68 613	79 365	77 037	74 215	76 347	206 245	222 905	208 843	227 599	865 592
1989	68 843	77 128	81 427	77 229	77 242	81 263	60 670	74 379	81 920	77 045	75 396	75 670	227 398	235 734	216 969	228 111	908 212
1990	62 073	77 319	83 992	75 535	79 492	86 727	64 846	75 640	81 926	81 375	73 001	72 380	223 384	241 754	222 412	226 756	914 306
1991	63 644	71 504	74 756	73 965	76 977	82 201	64 600	73 915	82 921	83 043	79 054	73 564	209 904	233 143	221 436	235 661	900 144
1992	66 740	77 642	86 382	79 847	80 766	90 434	67 773	77 252	86 089	85 332	82 397	85 540	230 764	251 047	231 114	253 269	966 194
1993	73 223	84 458	94 030	84 437	85 999	94 791	67 298	81 521	92 372	90 941	90 362	93 043	251 711	265 227	241 191	274 346	1 032 475
1994	80 509	92 939	102 480	92 581	95 426	105 589	75 268	95 313	103 831	98 367	99 937	101 151	275 928	293 596	274 412	299 455	1 143 391
1995	89 331	102 572	112 017	99 237	101 891	112 871	78 528	100 222	111 427	105 902	104 574	106 598	303 920	313 999	290 177	317 074	1 225 170
1996	90 339	106 492	112 601	105 028	110 165	119 377	86 251	106 115	119 144	110 192	109 942	110 262	309 432	334 570	311 510	330 396	1 285 908
1997	96 452	112 605	122 788	113 361	112 599	128 010	95 781	113 104	128 916	120 511	116 297	122 721	331 845	353 970	337 801	359 529	1 383 145
Seasonally Adjusted—Millions of Dollars																	
1987	63 553	65 973	65 899	65 075	64 194	65 219	65 985	64 049	66 319	66 456	66 969	67 019	195 425	194 488	196 353	200 444	(X)
1988	67 772	68 792	70 106	70 546	71 749	72 273	72 691	72 063	74 122	73 985	74 452	76 594	206 670	214 568	218 876	225 031	(X)
1989	77 187	76 522	75 105	76 852	75 688	74 044	72 578	77 174	76 604	73 688	75 633	75 852	228 814	226 584	226 356	225 173	(X)
1990	70 666	77 579	77 379	75 453	77 790	78 802	77 876	78 111	76 563	77 576	73 270	71 618	225 624	232 045	232 550	222 464	(X)
1991	72 978	72 089	68 664	74 111	75 627	74 222	77 749	76 517	77 654	79 269	79 039	73 585	213 731	223 960	231 920	231 893	(X)
1992	76 719	78 083	79 115	80 060	79 260	81 308	81 928	80 119	80 322	82 074	82 264	84 893	233 917	240 628	242 369	249 231	(X)
1993	83 861	84 220	86 025	84 504	84 428	85 381	82 557	84 471	86 085	87 994	89 980	91 729	254 106	254 313	253 113	269 703	(X)
1994	91 426	92 060	93 646	92 839	93 714	95 094	94 033	98 108	96 722	95 853	99 447	100 010	277 132	281 647	288 863	295 310	(X)
1995	101 216	101 175	102 144	99 950	100 842	101 814	98 089	102 740	103 275	103 412	104 403	105 108	304 535	302 606	304 104	312 923	(X)
1996	102 803	105 375	102 321	105 772	109 281	107 533	107 435	108 560	110 037	107 918	110 096	107 870	310 499	322 586	326 032	325 884	(X)
1997	110 326	111 335	111 625	114 080	112 103	115 198	118 242	115 833	118 730	117 706	116 733	120 406	333 286	341 381	352 805	354 845	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−3.4	3.8	−.1	−1.3	−1.4	1.6	1.2	−2.9	3.5	.2	.8	.1	1.6	−.5	1.0	2.1	(X)
1988	1.1	1.5	1.9	.6	1.7	.7	.6	−.9	2.9	−.2	.6	2.9	3.1	3.8	2.0	2.8	(X)
1989	.8	−.9	−1.9	2.3	−1.5	−2.2	−2.0	6.3	−.7	−3.8	2.6	.3	1.7	−1.0	−.1	−.5	(X)
1990	−6.8	9.8	−.3	−2.5	3.1	1.3	−1.2	.3	−2.0	1.3	−5.6	−2.3	.2	2.8	.2	−4.3	(X)
1991	1.9	−1.2	−4.8	7.9	2.0	−1.9	4.8	−1.6	1.5	2.1	−.3	−6.9	−3.9	4.8	3.6	–	(X)
1992	4.3	1.8	1.3	1.2	−1.0	2.6	.8	−2.2	.3	2.2	.2	3.2	.9	2.9	.7	2.8	(X)
1993	−1.2	.4	2.1	−1.8	−.1	1.1	−3.3	2.3	1.9	2.2	2.3	1.9	2.0	.1	−.5	6.6	(X)
1994	−.3	.7	1.7	−.9	.9	1.5	−1.1	4.3	−1.4	−.9	3.7	.6	2.8	1.6	2.6	2.2	(X)
1995	1.2	–	1.0	−2.1	.9	1.0	−3.7	4.7	.5	.1	1.0	.7	3.1	−.6	.5	2.9	(X)
1996	−2.2	2.5	−2.9	3.4	3.3	−1.6	−.1	1.0	1.4	−1.9	2.0	−2.0	−.8	3.9	1.1	–	(X)
1997	2.3	.9	.3	2.2	−1.7	2.8	2.6	−2.0	2.5	−.9	−.8	3.1	2.3	2.4	3.3	.6	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	HOUSEHOLD DURABLE GOODS—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	4 940	5 735	6 177	5 601	5 615	6 325	4 993	5 981	6 624	6 337	5 931	5 185	16 852	17 541	17 598	17 453	69 444
1988	5 166	5 933	6 414	5 891	5 976	6 369	5 287	6 360	7 212	8 795	6 585	5 679	17 513	18 236	18 859	19 059	73 667
1989	5 516	6 473	6 956	6 392	6 331	6 853	5 419	6 796	7 271	7 284	6 770	8 077	18 945	19 578	19 486	20 131	78 138
1990	5 563	6 670	7 162	6 195	6 394	6 913	5 530	6 673	7 341	7 244	6 702	6 069	19 395	19 502	19 544	20 015	78 456
1991	5 460	6 268	6 637	6 271	6 235	6 640	5 617	6 812	7 585	7 519	7 133	5 945	18 365	19 146	20 014	20 597	78 122
1992	5 556	6 535	7 195	6 606	8 448	7 018	6 022	7 014	7 858	7 792	7 496	8 738	19 286	20 072	20 894	22 024	82 276
1993	6 099	7 150	7 696	6 858	8 823	7 631	6 472	7 583	8 648	8 328	8 179	7 055	20 945	21 312	22 703	23 562	88 522
1994	6 426	7 436	8 271	7 533	7 553	8 227	6 820	8 312	9 260	9 022	8 624	7 683	22 133	23 313	24 392	25 329	95 167
1995	7 188	7 891	8 762	7 668	7 721	8 461	7 066	8 686	9 484	9 275	8 942	7 503	23 839	23 850	25 236	25 720	98 645
1996	6 724	7 609	8 960	7 857	7 972	8 698	7 037	8 373	9 392	9 125	8 834	7 856	23 293	24 527	24 802	25 815	98 437
1997	8 880	8 214	9 350	8 236	8 204	9 533	7 593	8 735	10 620	9 887	9 726	9 096	24 444	25 973	26 948	28 709	106 074
	Seasonally Adjusted—Millions of Dollars																
1987	5 761	5 761	5 695	5 731	5 790	5 892	5 765	5 769	5 824	5 816	5 886	5 728	17 217	17 413	17 358	17 430	(X)
1988	6 022	5 930	5 921	6 023	6 170	5 990	6 143	6 153	6 346	6 178	6 436	6 225	17 873	18 183	18 642	18 837	(X)
1989	6 433	6 482	6 453	6 580	6 529	6 519	6 330	6 592	6 404	6 562	6 549	6 585	19 368	19 628	19 326	19 696	(X)
1990	6 507	6 703	6 670	6 387	8 614	6 639	6 462	6 503	6 434	6 462	6 377	6 530	19 880	19 640	19 399	19 369	(X)
1991	6 433	6 322	6 209	6 501	6 505	6 409	6 535	6 639	6 629	6 690	6 707	8 372	18 964	19 415	19 803	19 769	(X)
1992	6 579	6 655	6 762	6 881	6 783	6 799	6 948	6 815	6 868	6 958	7 002	7 179	19 996	20 463	20 629	21 139	(X)
1993	7 200	7 332	7 225	7 144	7 189	7 385	7 441	7 368	7 529	7 463	7 627	7 512	21 757	21 718	22 338	22 602	(X)
1994	7 593	7 670	7 734	7 867	7 942	7 915	7 864	8 075	8 054	8 098	8 036	8 178	22 997	23 724	23 993	24 312	(X)
1995	8 508	8 190	8 143	8 057	8 129	8 123	8 197	8 478	8 212	8 317	8 334	7 938	24 841	24 309	24 887	24 589	(X)
1996	8 040	7 906	8 278	8 241	8 335	8 228	8 183	8 219	8 120	8 273	8 321	8 253	24 224	24 802	24 522	24 847	(X)
1997	8 300	8 530	8 621	8 620	8 588	8 947	8 828	8 633	9 156	8 984	9 147	9 518	25 451	26 155	26 617	27 649	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–.6	–	–1.1	.6	1.0	1.8	–2.2	.1	1.0	–.1	1.2	–2.7	–2.2	1.1	–.3	.4	(X)
1988	5.1	–1.5	–.2	1.7	2.4	–2.9	2.6	.2	3.1	–2.7	4.2	–3.3	2.5	1.7	2.5	1.0	(X)
1989	3.3	.8	–.4	2.0	–.8	–.2	–2.9	4.1	–2.9	2.5	–.2	.5	2.8	1.3	–1.5	1.9	(X)
1990	–1.2	3.0	–.5	–4.2	3.6	.4	–2.7	.6	–1.1	.4	–1.3	2.4	.9	–1.2	–1.2	–.2	(X)
1991	–1.5	–1.7	–1.8	4.7	.1	–1.5	2.0	1.6	–.2	.9	.3	–5.0	–2.1	2.4	2.0	–.2	(X)
1992	3.2	1.2	1.6	1.8	–1.4	.2	2.2	–1.9	.7	1.3	.6	2.5	1.1	2.3	.8	2.5	(X)
1993	.3	1.8	–1.5	–1.1	.6	2.7	.8	–1.0	2.2	–.9	2.2	–1.5	2.9	–.2	2.9	1.2	(X)
1994	1.1	1.0	.8	1.7	1.0	–.3	–.6	2.7	–.3	.5	–.8	1.8	1.7	3.2	1.1	1.3	(X)
1995	4.0	–3.7	–.6	–1.1	.9	–.1	.9	3.4	–3.1	1.3	.2	–4.8	2.2	–2.1	2.4	–1.2	(X)
1996	1.3	–1.7	4.7	–.4	1.1	–1.3	–.5	.4	–1.2	1.9	.6	–.8	–1.5	2.4	–1.1	1.3	(X)
1997	.6	2.8	1.1	–	–.4	4.2	–1.3	–2.2	8.1	–1.9	1.8	4.1	2.4	2.8	1.8	3.9	(X)
	INFORMATION TECHNOLOGY INDUSTRIES—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	9 331	11 056	12 960	10 424	10 953	13 880	10 337	11 208	14 335	11 511	12 203	15 109	33 347	35 257	35 880	38 823	143 307
1988	9 961	11 983	14 748	11 712	12 419	15 883	11 401	12 546	15 734	12 341	12 842	16 847	36 692	40 014	39 681	41 830	158 217
1989	10 658	11 773	14 899	11 787	12 651	16 064	10 974	12 600	15 827	12 282	13 193	18 545	37 328	40 502	39 401	42 020	159 251
1990	11 153	12 934	15 240	12 032	12 925	16 071	11 256	12 626	15 912	13 516	13 116	16 406	39 327	41 028	39 794	43 038	163 187
1991	10 918	12 270	14 717	11 998	12 699	15 761	11 242	12 496	15 384	13 209	13 838	15 994	37 905	40 458	39 122	43 041	160 526
1992	11 672	12 885	15 974	12 753	13 334	17 506	12 483	13 380	17 188	13 727	14 521	18 078	40 531	43 593	43 051	46 326	173 501
1993	11 693	13 379	16 805	12 659	13 601	17 329	12 468	14 121	17 599	14 372	15 636	19 919	41 877	43 589	44 188	49 927	179 581
1994	12 815	14 665	18 316	14 464	15 233	19 775	13 605	15 519	19 795	15 941	17 619	21 745	45 796	49 472	48 919	55 305	199 492
1995	14 018	16 100	20 716	15 667	17 246	22 387	14 617	17 213	22 247	18 114	19 589	25 134	50 834	55 300	54 077	62 837	223 048
1996	15 089	18 843	23 809	17 166	18 804	24 761	16 768	19 350	24 777	19 397	21 160	27 371	57 741	60 731	60 895	67 928	247 295
1997	16 445	19 739	26 052	18 754	20 290	27 536	19 130	21 494	27 703	21 532	21 977	30 192	62 236	66 580	68 327	73 701	270 844
	Seasonally Adjusted—Millions of Dollars																
1987	11 645	11 758	11 579	11 646	11 623	11 872	12 161	11 952	12 224	12 208	12 277	12 294	34 982	35 141	38 337	38 779	(X)
1988	12 430	12 819	13 116	13 139	13 206	13 422	13 494	13 381	13 333	13 162	13 018	13 579	38 365	39 767	40 188	39 759	(X)
1989	13 174	12 675	13 216	13 236	13 412	13 435	13 092	13 404	13 438	13 060	13 374	13 531	39 065	40 083	39 934	39 965	(X)
1990	13 673	13 956	13 494	13 490	13 675	13 440	13 488	13 466	13 557	14 383	13 231	13 420	41 123	40 605	40 511	41 034	(X)
1991	13 306	13 269	13 025	13 434	13 426	13 249	13 420	13 350	13 260	14 010	13 861	13 087	39 600	40 109	40 030	40 958	(X)
1992	14 250	13 958	14 115	14 343	14 219	14 616	14 936	14 369	14 805	14 544	14 500	14 605	42 323	43 178	44 110	43 649	(X)
1993	14 395	14 534	14 721	14 288	14 523	14 538	14 985	15 187	15 126	15 259	15 587	15 924	43 650	43 349	45 298	46 770	(X)
1994	15 888	15 986	15 938	16 437	16 335	16 527	16 510	16 734	16 939	16 962	17 589	17 283	47 812	49 299	50 183	51 834	(X)
1995	17 505	17 591	17 802	17 985	18 591	18 658	17 874	18 561	18 864	19 361	19 673	19 846	52 898	55 234	55 299	58 880	(X)
1996	19 026	20 691	20 205	19 905	20 338	20 542	20 469	20 854	20 877	20 810	21 435	21 443	59 922	60 785	62 200	63 688	(X)
1997	20 982	21 610	22 006	21 835	22 033	22 721	23 232	23 094	23 335	23 175	22 451	23 652	64 598	66 589	69 661	69 278	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–.6	1.0	–1.5	.6	–.2	2.1	2.4	–1.7	2.3	–.1	.6	.1	.5	.5	3.4	1.2	(X)
1988	1.1	3.1	2.3	.2	.5	1.6	.5	–1.0	–.2	–1.3	–1.1	4.3	4.3	3.7	1.1	–1.1	(X)
1989	–3.0	–3.8	4.3	.2	1.3	.2	–2.6	2.4	.3	–2.8	2.4	1.2	–1.7	2.6	–.4	.1	(X)
1990	1.0	2.1	–3.3	–	1.4	–1.7	.4	–.2	.7	6.1	–8.0	1.4	2.9	–1.3	–.2	1.3	(X)
1991	–.8	–.3	–1.8	3.1	–.1	–1.3	1.3	–.5	–.7	5.7	–1.1	–5.6	–3.5	1.3	–.2	2.3	(X)
1992	8.9	–2.0	1.1	1.6	–.9	2.8	2.2	–3.8	3.0	–1.8	–.3	.7	3.3	2.0	2.2	–1.0	(X)
1993	–1.4	1.0	1.3	–2.9	1.6	.1	3.1	1.3	–.4	.9	2.1	2.2	–	–.7	4.5	3.2	(X)
1994	–.2	.6	–.3	3.1	–.6	1.2	–.1	1.4	1.2	.1	3.7	–1.7	2.2	3.1	1.8	3.3	(X)
1995	1.3	.5	1.2	1.0	3.4	.4	–4.2	3.8	1.6	2.6	1.6	.9	2.1	4.4	.1	6.5	(X)
1996	–4.1	8.8	–2.3	–1.5	2.2	1.0	–.4	1.9	.1	–.3	3.0	–	1.8	1.4	2.3	2.4	(X)
1997	–2.1	3.0	1.8	–.8	.9	3.1	2.2	–.6	1.0	–.7	–3.1	5.3	1.4	3.1	4.6	–.5	(X)

See footnotes at end of table.

Table 1. Manufacturers' Shipments and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Merch	April	Mey	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	HEALTH CARE EQUIPMENT AND PRODUCTS—SHIPMENTS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	4 755	5 051	5 270	4 838	4 867	5 649	4 869	5 389	6 243	5 415	5 262	5 643	15 078	15 354	18 501	16 320	63 251
1988	5 502	5 764	6 085	5 636	5 450	8 263	5 298	6 237	6 647	6 049	5 847	6 250	17 351	17 349	18 182	18 146	71 028
1989	6 211	6 383	6 515	5 987	6 047	6 844	6 043	8 600	7 258	8 445	8 455	7 003	19 109	18 878	19 901	19 903	77 791
1990	6 641	6 837	7 301	8 783	6 842	7 499	6 745	7 418	7 967	7 363	7 363	7 323	20 779	21 124	22 130	22 049	86 082
1991	7 407	7 731	7 504	7 497	7 645	8 058	7 371	7 842	8 758	8 079	7 909	8 148	22 842	23 200	23 971	24 136	93 949
1992	7 836	7 816	8 492	7 769	7 759	9 008	7 728	8 091	9 387	8 055	8 296	9 453	24 144	24 536	25 206	25 804	99 690
1993	8 095	8 422	9 389	8 292	7 981	9 583	8 205	8 734	10 037	8 879	9 017	9 701	25 906	25 856	26 978	27 597	106 335
1994	8 434	8 569	9 484	8 619	8 543	9 700	8 274	9 134	10 185	9 024	9 196	9 734	28 487	26 862	27 593	27 954	108 896
1995	8 906	9 164	9 851	8 752	9 028	10 085	8 780	9 806	10 491	9 662	9 654	10 512	27 921	27 865	29 077	29 828	114 691
1996	9 298	9 586	10 484	9 474	9 635	10 842	9 513	10 187	11 460	10 721	10 577	11 228	29 368	29 751	31 160	32 528	122 805
1997	10 265	10 356	11 205	10 185	10 291	11 688	10 361	10 771	12 480	11 414	11 088	12 456	31 828	32 144	33 612	34 958	132 540
	Seasonally Adjusted—Millions of Dollars																
1987	4 862	5 017	5 030	5 106	5 124	5 266	5 338	5 364	5 574	5 477	5 500	5 579	14 909	15 496	16 276	18 556	(X)
1988	5 606	5 716	5 822	5 917	5 748	5 878	5 746	8 195	5 978	6 115	8 067	8 209	17 144	17 543	17 919	18 391	(X)
1989	6 343	6 342	6 234	8 259	6 386	6 462	8 500	8 549	6 553	6 505	8 634	8 980	18 919	19 107	19 602	20 119	(X)
1990	6 834	6 822	6 975	7 065	7 227	7 100	7 227	7 374	7 218	7 418	7 496	7 250	20 831	21 392	21 817	22 164	(X)
1991	7 693	7 785	7 151	7 809	8 084	7 606	7 898	7 857	7 918	8 155	6 011	7 921	22 629	23 499	23 673	24 087	(X)
1992	8 197	7 935	8 064	8 117	8 185	8 450	8 323	8 166	8 465	8 186	8 375	9 005	24 196	24 752	24 954	25 566	(X)
1993	8 548	8 616	8 896	8 709	8 414	8 947	8 890	8 848	9 033	9 035	9 080	9 127	26 060	26 070	26 771	27 242	(X)
1994	8 950	8 805	8 973	9 086	9 015	9 072	9 002	9 227	9 178	9 149	9 235	9 140	28 728	27 173	27 407	27 524	(X)
1995	9 444	9 455	9 303	9 259	9 530	9 483	9 522	9 897	9 511	9 691	9 704	9 845	28 202	28 272	28 930	29 240	(X)
1996	9 824	9 903	9 895	10 040	10 177	10 058	10 268	10 304	10 432	10 680	10 660	10 497	29 622	30 275	31 004	31 837	(X)
1997	10 814	10 715	10 575	10 795	10 871	11 068	11 135	10 930	11 366	11 331	11 235	11 606	32 104	32 734	33 431	34 172	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–.6	3.2	.3	1.5	.4	2.8	1.4	.5	3.9	–1.7	.4	1.4	2.4	3.9	5.0	1.7	(X)
1988	.5	2.0	1.9	1.6	–2.9	2.3	–2.2	7.8	–3.5	2.3	–.8	2.3	3.6	2.3	2.1	2.6	(X)
1989	2.2	–	–1.7	.4	2.0	1.2	.6	.8	.1	–.7	2.0	5.2	2.9	1.0	2.6	2.6	(X)
1990	–2.1	–.2	2.2	1.3	2.3	–1.8	1.8	2.0	–2.1	2.8	1.1	–3.3	2.5	3.7	2.0	1.6	(X)
1991	6.1	1.2	–8.1	9.2	3.5	–5.9	3.8	–.5	.8	3.0	–1.8	–1.1	2.1	3.8	.7	1.7	(X)
1992	3.5	–3.2	1.6	.7	.8	3.2	–1.5	–1.9	3.7	–3.3	2.3	7.5	.5	2.3	.8	2.5	(X)
1993	–5.1	.8	3.2	–2.1	–3.4	6.3	–.6	–.5	2.1	–	.5	.5	1.9	–	2.7	1.8	(X)
1994	–1.9	–1.6	1.9	1.3	–.8	.6	–.8	2.5	–.5	–.3	.9	–1.0	–1.9	1.7	.9	.4	(X)
1995	3.3	.1	–1.6	–.5	2.9	–.5	.4	3.9	–3.9	1.9	.1	1.5	2.5	.2	2.3	1.1	(X)
1996	–.2	.8	–.1	1.5	1.4	–1.2	2.1	.4	1.2	2.4	–.2	–1.5	1.3	2.2	2.4	2.7	(X)
1997	3.0	–.9	–1.3	2.1	.7	1.8	.6	–1.8	4.0	–.3	–.8	3.3	.8	2.0	2.1	2.2	(X)

Note: Deta in this teble may differ from annual deta et the eggregete level shown in eppendix D, table 1 because of independent rounding.

– Represents no change. (X) Not epplicable.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
ALL MANUFACTURING INDUSTRIES, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	182 787	205 601	217 226	206 752	205 956	221 078	197 648	203 179	223 896	219 429	214 037	215 074	605 614	633 786	624 723	648 540	2 512 663
1988	204 295	223 038	233 435	221 564	222 757	240 876	209 224	226 457	244 069	237 616	232 228	243 681	660 768	685 197	679 750	713 525	2 739 240
1989	227 040	241 272	252 540	242 666	236 615	253 028	215 672	232 009	251 395	240 411	241 521	240 692	720 852	732 309	699 076	722 624	2 874 861
1990	218 922	238 982	261 153	240 122	245 941	256 687	224 071	246 024	262 858	261 474	239 900	237 952	719 057	742 750	732 953	739 326	2 934 086
1991	218 576	234 642	238 591	232 660	240 064	247 134	229 715	242 741	254 455	252 076	244 887	230 124	691 809	719 858	726 911	727 087	2 865 665
1992	219 570	237 837	257 090	247 807	247 039	267 819	228 428	242 744	263 767	260 688	248 593	257 166	714 497	762 665	734 939	766 447	2 978 548
1993	234 255	258 442	269 578	255 833	252 971	275 139	231 277	253 476	271 184	267 878	262 360	259 988	762 275	783 943	755 937	790 226	3 092 381
1994	248 986	267 780	288 474	270 528	275 929	296 561	248 274	284 145	299 089	292 927	290 752	293 352	805 240	843 018	831 508	877 031	3 356 797
1995	277 276	299 754	315 880	291 876	298 792	314 639	265 628	302 585	320 407	313 021	303 183	304 545	892 910	905 307	888 620	920 749	3 607 586
1996	286 149	302 670	321 424	305 634	314 773	329 384	285 490	310 699	332 620	330 625	319 054	310 777	910 243	949 791	928 809	960 456	3 749 299
1997	298 991	324 279	334 621	323 346	322 077	346 439	298 815	333 072	352 126	347 068	340 579	330 612	957 891	991 862	984 013	1 018 259	3 952 025
Seasonally Adjusted—Millions of Dollars																	
1987	195 695	202 572	205 282	207 070	207 764	210 970	215 150	208 149	211 597	214 866	215 199	216 578	603 549	625 804	634 896	646 641	(X)
1988	218 969	220 799	221 252	221 854	224 081	229 262	228 963	230 803	230 434	231 838	232 447	247 014	661 020	675 197	890 200	711 299	(X)
1989	244 378	240 393	240 550	243 079	236 963	240 436	235 481	234 937	237 302	233 025	241 149	244 821	725 321	720 478	707 720	718 995	(X)
1990	237 108	240 426	249 571	241 157	245 403	243 363	244 947	247 458	248 826	252 187	239 278	241 551	727 105	729 923	741 231	733 016	(X)
1991	237 756	237 095	228 064	233 991	239 385	233 104	250 102	243 898	240 981	242 846	244 521	235 098	702 915	706 480	734 981	722 465	(X)
1992	239 596	240 238	244 473	249 084	246 219	251 817	249 934	243 940	249 848	251 867	248 990	261 110	724 307	747 120	743 722	761 967	(X)
1993	255 336	260 286	256 292	256 794	252 160	258 524	254 022	254 206	256 973	258 827	263 296	264 001	771 914	767 478	765 201	788 124	(X)
1994	269 914	268 800	274 391	271 512	275 057	279 343	275 107	283 909	284 448	283 677	291 666	298 400	813 105	825 912	843 464	873 743	(X)
1995	299 668	300 531	301 075	293 178	298 463	296 984	293 536	302 121	305 113	302 124	304 415	309 058	901 274	888 625	900 770	915 597	(X)
1996	308 317	303 937	307 487	306 699	314 604	311 107	314 708	310 229	316 296	319 016	320 367	314 191	919 741	932 410	941 233	953 574	(X)
1997	323 321	325 819	320 729	324 449	322 213	326 998	328 799	333 083	334 091	334 576	342 310	334 974	969 869	973 660	995 973	1 011 860	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.1	3.5	1.3	.9	.3	1.5	2.0	–3.3	1.7	1.5	.2	.6	2.3	3.7	1.5	1.8	(X)
1988	1.1	.8	.2	.3	1.0	2.3	–.1	.8	–.2	.6	.3	6.3	2.2	2.1	2.2	3.1	(X)
1989	–1.1	–1.6	.1	1.1	–2.5	1.5	–2.1	–.2	1.0	–1.8	3.5	1.5	2.0	–.7	–1.8	1.6	(X)
1990	–3.2	1.4	3.8	–3.4	1.8	–.8	.7	1.0	.6	1.4	–5.1	.9	1.1	.4	1.5	–1.1	(X)
1991	–1.6	–.3	–3.8	2.6	2.3	–2.6	7.3	–2.5	–1.2	.8	.7	–3.9	–4.1	.5	4.0	–1.7	(X)
1992	1.9	.3	1.8	1.9	–1.2	2.3	–.7	–2.4	2.4	.8	–1.1	4.9	.3	3.1	–.5	2.5	(X)
1993	–2.2	1.9	–1.5	.2	–1.8	2.5	–1.7	.1	1.1	.7	1.7	.3	1.3	–.6	–.3	2.7	(X)
1994	2.2	–.4	2.1	–1.0	1.3	1.6	–1.5	3.2	.2	–.3	2.8	2.3	3.4	1.6	2.1	3.6	(X)
1995	.4	.3	.2	–2.8	1.8	–.5	–1.2	2.9	1.0	–1.0	.8	1.5	3.2	–1.4	1.4	1.6	(X)
1996	–.2	–1.4	1.2	–.3	2.6	–1.1	1.2	–1.4	2.0	.9	.4	–1.9	.5	1.4	.9	1.3	(X)
1997	2.9	.8	–1.6	1.2	–.7	1.5	.6	1.3	.3	.1	2.3	–2.1	1.7	.4	2.3	1.6	(X)
ALL MANUFACTURING INDUSTRIES WITH UNFILLED ORDERS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	99 966	112 826	122 270	113 915	112 487	122 871	110 045	111 352	124 259	121 438	119 934	125 065	335 062	349 273	345 656	366 437	1 396 428
1988	115 805	127 092	132 335	121 991	121 993	133 976	115 491	125 673	137 975	132 156	130 380	143 343	375 232	377 960	379 139	405 879	1 538 210
1989	126 616	134 181	142 343	132 220	125 725	139 379	118 072	123 614	139 603	130 197	135 085	139 624	403 140	397 324	381 289	404 906	1 586 659
1990	121 927	131 335	147 672	130 720	133 362	139 754	121 922	129 910	142 271	138 769	126 357	134 974	400 934	403 836	394 103	400 100	1 598 973
1991	117 861	128 054	131 015	122 574	125 660	130 853	125 483	129 825	136 214	133 169	131 600	127 569	376 930	379 087	391 522	392 338	1 539 877
1992	118 790	127 623	140 890	132 422	129 609	144 089	119 814	127 614	141 197	140 246	132 649	145 430	387 303	406 120	388 625	418 325	1 600 373
1993	125 430	138 966	144 721	135 267	131 578	146 837	122 222	134 640	145 744	143 280	141 989	146 197	409 117	413 682	402 606	431 466	1 656 871
1994	137 489	145 146	159 137	145 397	147 942	162 448	134 232	152 022	163 826	159 833	159 971	167 011	441 772	455 787	450 080	486 815	1 834 454
1995	154 650	165 943	177 726	159 015	163 525	174 478	146 043	166 105	179 952	174 087	170 694	179 016	498 319	497 018	492 100	523 797	2 011 234
1996	163 822	169 543	185 042	166 605	172 543	186 515	158 148	169 227	186 733	183 797	178 486	180 517	518 407	525 663	514 108	542 800	2 100 978
1997	166 872	183 388	190 832	178 785	177 479	198 456	165 694	186 738	201 445	196 482	197 762	194 159	541 092	554 720	553 877	588 403	2 238 092
Seasonally Adjusted—Millions of Dollars																	
1987	106 773	110 389	113 543	115 443	115 922	118 214	121 202	115 854	117 284	119 986	119 785	121 284	330 705	349 579	354 340	361 055	(X)
1988	123 792	124 873	123 349	123 628	125 357	128 213	128 011	130 039	129 763	130 262	129 591	140 134	372 014	377 198	387 813	399 987	(X)
1989	135 988	132 916	133 438	133 902	128 618	132 828	130 647	127 260	131 023	127 477	134 196	136 879	402 342	395 348	388 930	398 552	(X)
1990	131 708	131 425	139 003	132 575	135 644	132 579	135 002	132 814	133 904	135 590	125 955	131 692	402 136	400 798	401 720	393 237	(X)
1991	127 849	128 862	122 873	124 446	127 905	123 316	138 193	132 430	128 555	129 780	131 656	125 123	379 584	375 667	399 178	386 559	(X)
1992	128 960	128 675	131 645	134 448	132 012	135 776	133 140	130 105	133 605	136 587	132 982	141 648	389 280	402 236	396 850	411 217	(X)
1993	135 989	139 944	135 241	137 245	134 121	138 084	135 827	137 047	137 987	139 236	142 290	142 744	411 174	409 450	410 861	424 270	(X)
1994	148 165	145 903	149 322	147 686	150 559	152 929	149 886	153 975	155 717	155 530	160 212	163 994	443 390	451 174	459 578	479 736	(X)
1995	166 498	166 666	167 357	161 664	166 528	164 138	162 584	168 244	171 073	168 644	171 269	175 738	500 521	492 330	501 901	515 651	(X)
1996	175 716	170 542	174 842	169 334	175 868	175 012	175 787	171 606	176 932	178 325	179 345	175 762	521 100	520 214	524 325	533 432	(X)
1997	180 305	184 214	180 583	181 788	181 057	185 531	184 008	189 537	190 158	190 529	199 210	189 755	545 102	548 376	563 703	579 494	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–3.7	3.4	2.9	1.7	.4	2.0	2.5	–4.4	1.2	2.3	–.2	1.3	.9	5.7	1.4	1.9	(X)
1988	2.1	.9	–1.2	.2	1.4	2.3	–.2	1.6	–.2	.4	–.5	8.1	3.0	1.4	2.8	3.1	(X)
1989	–3.0	–2.3	.4	.3	–3.9	3.3	–1.6	–2.6	3.0	–2.7	5.3	2.0	.6	–1.7	–1.6	2.5	(X)
1990	–3.8	–.2	5.8	–4.6	2.3	–2.3	1.8	–1.6	.8	1.3	–7.1	4.6	.9	–.3	.2	–2.1	(X)
1991	–2.9	.8	–4.6	1.3	2.8	–3.6	12.1	–4.2	–2.9	1.0	1.4	–5.0	–3.5	–1.0	6.3	–3.2	(X)
1992	3.1	–.2	2.3	2.1	–1.8	2.9	–1.9	–2.3	2.7	2.2	–2.6	6.5	.7	3.3	–1.3	3.6	(X)
1993	–4.0	2.9	–3.4	1.5	–2.3	3.0	–1.6	.9	.7	.9	2.2	.3	–	–.4	.3	3.3	(X)
1994	3.8	–1.5	2.3	–1.1	1.9	1.6	–2.0	2.7	1.1	–.1	3.0	2.4	4.5	1.8	1.9	4.4	(X)
1995	1.5	.1	.4	–3.4	3.0	–1.4	–.9	3.5	1.7	–1.4	1.6	2.6	4.3	–1.6	1.9	2.7	(X)
1996	–	–2.9	2.5	–3.2	3.9	–.5	.4	–2.4	3.1	.8	.6	–2.0	1.1	–.2	.8	1.7	(X)
1997	2.6	2.2	–2.0	.7	–.4	2.5	–.8	3.0	.3	.2	4.6	–4.7	2.2	.6	2.8	2.8	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
DURABLE GOODS INDUSTRIES, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	95 051	109 097	116 156	110 470	109 538	118 131	101 437	103 417	117 433	116 289	113 679	118 834	322 304	338 139	322 287	346 982	1 329 712
1988	106 965	121 079	127 057	118 212	118 626	129 517	106 850	117 272	130 190	127 489	123 704	135 955	357 101	368 355	354 312	387 146	1 464 918
1989	121 631	129 400	138 819	126 958	122 152	133 178	107 975	116 878	132 118	124 145	128 484	131 150	387 850	384 286	356 769	383 759	1 512 884
1990	110 877	124 424	141 113	124 821	129 693	135 004	112 946	121 445	133 758	133 561	116 597	122 762	378 414	389 518	388 149	372 920	1 507 001
1991	107 565	118 270	119 922	116 316	119 973	124 429	115 564	120 810	127 758	127 558	123 965	118 259	345 757	360 718	363 930	367 782	1 438 187
1992	110 546	121 567	134 255	127 527	126 294	138 317	108 579	120 188	132 669	133 861	125 361	136 532	366 368	392 138	361 434	395 754	1 515 894
1993	118 985	135 357	140 755	132 202	129 301	143 000	111 986	127 529	139 289	140 421	137 678	140 471	395 097	404 503	378 804	418 570	1 596 974
1994	134 220	144 101	156 540	144 718	147 338	160 807	124 829	148 097	159 594	156 956	156 180	161 128	434 861	452 863	432 520	474 264	1 794 508
1995	150 075	163 609	174 471	154 811	159 407	168 428	132 535	159 498	174 555	170 322	163 218	170 453	488 155	482 646	488 586	503 991	1 941 378
1996	158 914	165 945	179 273	163 470	170 925	181 990	147 098	163 782	182 878	181 282	171 947	171 254	502 132	518 385	493 556	524 463	2 036 536
1997	162 982	160 882	186 591	178 921	174 987	194 270	155 332	182 130	196 429	193 365	191 215	185 604	530 455	546 178	533 891	570 184	2 180 708
Seasonally Adjusted—Millions of Dollars																	
1987	101 861	105 905	106 797	109 952	110 754	112 209	114 571	109 361	111 419	113 902	114 144	115 276	318 563	332 915	335 351	343 322	(X)
1988	117 192	118 443	117 563	117 717	119 356	122 468	121 669	123 103	123 037	124 429	123 338	135 387	353 218	359 539	368 009	383 154	(X)
1989	131 507	127 569	127 368	128 469	122 108	125 246	122 931	121 544	124 843	120 279	128 189	131 040	388 442	375 823	369 118	379 508	(X)
1990	120 989	124 176	131 657	124 718	128 856	126 316	129 004	125 439	126 504	128 747	118 830	121 839	377 022	379 892	380 947	367 218	(X)
1991	118 074	118 705	111 574	116 338	119 325	115 480	131 509	124 356	121 121	122 414	124 562	116 408	348 353	351 143	378 988	363 384	(X)
1992	121 445	121 777	124 641	127 382	125 563	128 507	125 446	123 904	125 943	128 768	128 342	135 542	387 863	381 452	375 293	390 870	(X)
1993	130 246	134 903	130 708	131 788	126 738	132 849	129 670	131 033	132 300	135 080	138 739	139 644	395 857	393 375	393 203	413 463	(X)
1994	145 464	142 631	145 853	144 501	146 797	149 935	148 398	151 100	152 178	151 289	157 132	160 797	434 148	441 233	449 676	469 198	(X)
1995	162 131	181 889	163 038	154 998	159 671	157 187	154 831	182 432	168 313	163 267	164 674	169 839	487 038	471 856	483 578	497 780	(X)
1996	168 878	164 611	167 984	163 658	171 396	169 721	171 122	166 859	173 282	173 994	173 773	169 492	501 473	504 775	511 263	517 259	(X)
1997	176 705	179 495	174 950	177 171	175 823	180 714	180 480	185 624	185 557	185 410	193 621	184 635	531 150	533 708	551 641	563 666	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–4.7	4.0	2.7	1.1	.7	1.3	2.1	–4.5	1.9	2.2	.2	1.0	1.2	5.2	.7	2.4	(X)
1988	1.7	1.1	–.7	.1	1.4	2.8	–.5	1.0	–.1	1.1	–.9	9.8	2.9	1.8	2.4	4.1	(X)
1989	–2.9	–3.0	–.2	.9	–5.0	2.6	–1.8	–1.1	2.5	–3.5	6.8	2.2	.9	–2.7	–1.8	2.8	(X)
1990	–7.7	2.6	8.2	–5.4	3.3	–2.0	2.1	–2.8	.8	1.8	–9.3	4.1	–.7	.8	.3	–3.6	(X)
1991	–2.9	.5	–6.0	4.3	2.6	–3.2	13.9	–5.4	–2.8	1.1	1.8	–6.5	–5.1	.8	7.4	–3.6	(X)
1992	4.3	.3	2.4	2.2	–1.4	2.3	–2.4	–1.2	1.6	2.3	–1.9	7.3	1.2	3.7	–1.6	4.1	(X)
1993	–3.9	3.6	–3.1	.6	–2.3	3.2	–2.2	.9	1.0	2.1	2.7	.7	1.3	–.6	–	5.2	(X)
1994	4.2	–1.8	2.1	–.9	1.6	2.1	–2.4	3.2	.7	–.6	3.9	2.3	5.0	1.6	1.9	4.3	(X)
1995	.8	–.2	.7	–4.9	3.0	–1.6	–1.5	4.9	2.4	–1.8	.9	3.1	3.8	–3.1	2.5	2.9	(X)
1996	–.6	–2.5	2.0	–2.6	4.7	–1.0	.8	–2.5	3.8	.4	–.1	–2.5	.7	.7	1.3	1.2	(X)
1997	4.3	1.8	–2.5	1.3	–.8	2.8	–.1	2.9	–	–.1	4.4	–4.6	2.7	.5	3.4	2.2	(X)
DURABLE GOODS WITH UNFILLED ORDERS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	76 831	87 097	96 197	88 888	88 249	96 536	84 819	85 361	97 114	94 058	94 048	99 347	259 925	273 655	267 294	287 453	1 088 327
1988	90 468	100 205	104 828	95 212	95 559	106 021	89 366	97 520	108 803	103 783	102 153	115 192	295 501	296 792	295 689	321 128	1 209 110
1989	99 376	105 210	112 874	103 687	97 423	109 333	91 209	94 004	109 235	100 584	105 933	112 317	317 460	310 443	294 448	318 834	1 241 185
1990	94 205	101 791	118 859	101 336	104 497	109 456	94 674	98 822	111 312	108 852	97 099	107 023	312 855	315 289	304 808	312 974	1 245 926
1991	90 719	99 149	101 423	94 368	96 699	101 727	97 453	99 262	105 007	102 626	101 834	98 917	291 291	292 794	301 722	303 377	1 189 184
1992	91 493	98 394	109 931	102 538	100 806	113 211	90 110	96 984	109 309	107 995	101 708	115 085	299 818	316 555	296 403	324 788	1 237 564
1993	96 268	107 863	113 143	104 436	101 471	115 489	93 003	103 403	113 381	111 767	110 617	115 900	317 272	321 396	309 787	338 284	1 286 739
1994	108 465	113 812	126 006	114 273	115 796	129 243	103 417	117 432	129 026	125 374	125 379	133 358	348 283	359 312	349 875	384 109	1 441 579
1995	121 565	130 463	141 120	123 304	127 753	136 901	111 278	129 286	143 075	137 754	133 788	144 668	393 148	387 958	383 637	416 210	1 580 953
1996	130 461	134 859	149 488	131 079	137 551	149 593	123 657	132 624	149 584	147 974	141 361	145 535	414 826	418 223	405 845	434 870	1 673 564
1997	134 108	146 282	154 065	143 288	142 497	160 663	129 439	149 508	162 450	157 954	159 564	156 755	436 455	446 628	441 397	474 273	1 798 753
Seasonally Adjusted—Millions of Dollars																	
1987	82 334	84 857	88 300	90 182	91 052	92 407	94 650	90 147	91 445	93 368	93 676	94 930	255 491	273 641	276 242	281 974	(X)
1988	97 378	98 253	96 785	96 645	98 155	100 915	100 392	102 404	102 020	102 696	101 326	111 149	292 394	295 715	304 816	315 171	(X)
1989	107 413	104 092	104 912	105 185	99 533	103 407	102 199	98 367	102 153	98 800	105 199	108 610	316 417	308 105	302 719	312 609	(X)
1990	102 463	101 942	109 143	103 011	106 022	102 839	106 185	102 634	104 447	106 568	96 923	102 703	313 548	311 872	313 266	306 194	(X)
1991	99 124	99 995	94 196	96 042	98 300	94 698	108 789	102 797	98 774	100 102	102 160	95 484	293 315	289 040	310 360	297 746	(X)
1992	99 944	99 428	101 746	104 248	102 506	105 442	102 044	100 448	103 126	105 248	102 400	110 316	301 118	312 194	305 618	317 962	(X)
1993	104 901	108 754	104 683	106 061	103 408	107 422	105 253	106 723	107 049	106 643	111 467	111 519	318 338	318 891	319 025	331 629	(X)
1994	117 115	114 386	117 156	116 146	117 840	120 529	117 632	120 414	122 488	121 676	126 306	129 335	348 659	354 515	360 534	377 517	(X)
1995	131 015	130 659	131 769	125 536	130 273	127 634	126 282	132 417	135 688	133 174	135 188	140 522	393 643	383 443	394 585	408 884	(X)
1996	139 926	135 290	140 050	133 336	140 178	139 214	139 997	136 038	141 455	143 266	143 054	140 095	415 266	412 726	417 488	426 435	(X)
1997	144 974	146 657	144 402	145 742	145 319	149 136	146 618	153 296	153 024	152 906	161 611	151 689	438 033	440 197	452 936	466 408	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1967	–4.9	3.1	4.1	2.1	1.0	1.5	2.4	–4.8	1.4	2.1	.3	1.3	.1	7.1	1.0	2.1	(X)
1988	2.6	.9	–1.5	–.1	1.6	2.6	–.5	2.0	–.4	.7	–1.3	9.7	3.7	1.1	3.1	3.4	(X)
1989	–3.4	–3.1	.6	.2	–5.4	3.9	–1.2	–3.7	3.6	–3.3	6.5	3.2	.4	–2.6	–1.7	3.3	(X)
1990	–5.7	–.5	7.1	–5.6	2.9	–3.0	3.3	–3.3	1.6	2.0	–9.1	6.0	.3	–.5	.4	–2.3	(X)
1991	–3.5	.9	–5.8	2.0	2.4	–3.7	14.9	–5.5	–3.9	1.3	2.1	–6.5	–4.2	–1.5	7.4	–4.1	(X)
1992	4.7	–.5	2.3	2.5	–1.7	2.9	–3.2	–1.6	2.7	2.1	–2.7	7.7	1.1	3.7	–2.1	4.0	(X)
1993	–4.9	3.7	–3.7	1.3	–2.5	3.9	–2.0	1.4	.3	1.5	2.6	–	.1	–.5	.7	4.0	(X)
1994	5.0	–2.3	2.4	–.9	1.5	2.3	–2.4	2.4	1.7	–.5	3.6	2.4	5.1	1.7	1.7	4.7	(X)
1995	1.3	–.1	.7	–4.7	3.8	–2.0	–1.1	4.9	2.6	–2.0	1.5	3.9	4.3	–2.6	2.9	3.6	(X)
1996	–.4	–3.3	3.5	–4.8	5.1	–.7	.6	–2.6	4.0	1.3	–.2	–2.1	1.6	–.6	1.2	2.1	(X)
1997	3.5	2.5	–2.9	.9	–.3	2.6	–1.7	4.6	–.2	–.1	5.6	–6.3	2.7	.5	2.9	3.0	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
STONE, CLAY, AND GLASS PRODUCTS, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	4 447	5 053	5 326	5 178	5 173	5 195	4 981	5 150	5 453	5 763	5 131	4 362	14 826	15 546	15 584	15 256	61 212
1988	4 730	5 097	5 226	5 387	5 517	5 796	5 016	5 657	5 699	5 534	5 541	4 536	15 053	16 700	16 372	15 611	63 736
1989	4 784	5 198	5 026	5 450	5 542	5 699	4 807	5 430	5 666	5 702	5 366	4 577	15 008	16 691	15 903	15 645	63 247
1990	4 660	5 208	5 230	5 587	5 478	5 875	5 189	5 852	5 775	5 633	4 955	4 319	15 098	16 940	16 816	14 907	63 761
1991	4 218	4 794	4 872	5 254	5 352	5 762	5 455	5 670	5 643	5 518	4 707	4 107	13 884	16 368	16 768	14 332	61 352
1992	4 154	4 607	4 987	5 429	5 410	5 846	5 516	5 650	5 711	5 580	4 979	4 052	13 748	16 685	16 877	14 611	61 921
1993	4 276	5 464	5 259	5 611	5 799	5 689	5 562	5 919	6 187	5 848	5 477	4 854	14 999	17 099	17 668	16 179	65 945
1994	4 813	5 538	5 807	6 405	6 100	6 162	6 061	6 478	6 341	6 210	6 144	5 503	16 158	18 667	18 880	17 857	71 562
1995	5 737	6 024	5 951	5 898	6 389	6 669	6 624	7 212	6 806	6 647	6 505	5 623	17 712	18 956	20 642	18 775	76 085
1996	5 885	6 284	6 353	6 904	7 080	7 270	6 893	7 401	7 601	7 394	6 878	6 199	18 522	21 254	21 895	20 471	82 142
1997	6 368	6 983	7 194	7 801	7 639	8 079	7 584	7 868	8 188	8 240	7 252	6 697	20 545	23 519	23 640	22 189	89 893
Seasonally Adjusted—Millions of Dollars																	
1987	5 049	5 158	5 236	5 050	5 015	4 781	5 167	4 872	5 076	5 506	5 165	5 112	15 443	14 846	15 115	15 783	(X)
1988	5 357	5 237	5 196	5 260	5 336	5 329	5 200	5 303	5 281	5 263	5 576	5 352	15 790	15 925	15 784	16 191	(X)
1989	5 488	5 373	5 089	5 310	5 356	5 197	4 954	5 035	5 238	5 368	5 414	5 399	15 950	15 863	15 227	16 181	(X)
1990	5 406	5 434	5 352	5 434	5 277	5 372	5 278	5 423	5 336	5 274	5 037	5 114	16 192	16 083	16 037	15 425	(X)
1991	4 944	4 991	5 041	5 069	5 145	5 303	5 441	5 227	5 232	5 213	4 871	4 893	14 976	15 517	15 900	14 977	(X)
1992	4 896	4 752	5 142	5 202	5 186	5 432	5 413	5 187	5 314	5 271	5 148	4 861	14 790	15 820	15 914	15 280	(X)
1993	5 001	5 644	5 417	5 354	5 584	5 318	5 420	5 444	5 775	5 602	5 624	5 722	16 062	16 256	16 639	16 948	(X)
1994	5 573	5 713	5 951	6 136	5 888	5 785	5 935	5 975	5 933	5 990	6 274	6 390	17 237	17 809	17 843	18 654	(X)
1995	6 542	6 228	6 137	5 631	6 174	6 275	6 523	6 699	6 378	6 390	6 649	6 474	18 907	18 080	19 600	19 513	(X)
1996	6 686	6 532	6 550	6 629	6 850	6 811	6 817	6 914	7 122	6 988	7 051	7 049	19 768	20 290	20 853	21 088	(X)
1997	7 208	7 350	7 393	7 515	7 408	7 555	7 493	7 410	7 647	7 746	7 488	7 619	21 951	22 478	22 550	22 853	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	4.0	2.2	1.5	–3.6	–.7	–4.7	8.1	–5.7	4.2	8.5	–6.2	–1.0	5.0	–3.9	1.8	4.4	(X)
1988	4.8	–2.2	–.8	1.2	1.4	–.1	–2.4	2.0	–.4	–.3	5.9	–4.0	–	.9	–.9	2.6	(X)
1989	2.5	–2.1	–5.3	4.3	.9	–3.0	–4.7	1.6	4.0	2.5	.9	–.3	–1.5	–.5	–4.0	6.3	(X)
1990	.1	.5	–1.5	1.5	–2.9	1.8	–1.7	2.7	–1.6	–1.2	–4.5	1.5	.1	–.7	–.3	–3.8	(X)
1991	–3.3	1.0	1.0	.6	1.5	3.1	2.6	–3.9	.1	–.4	–6.6	.5	–2.9	3.6	2.5	–5.8	(X)
1992	.1	–2.9	8.2	1.2	–.3	4.7	–.3	–4.2	2.4	–.8	–2.3	–5.6	–1.2	7.0	.6	–4.0	(X)
1993	2.9	12.9	–4.0	–1.2	4.3	–4.8	1.9	.4	6.1	–3.0	.4	1.7	5.1	1.2	2.4	1.9	(X)
1994	–2.6	2.5	4.2	3.1	–4.0	–1.7	2.6	.7	–.7	1.0	4.7	1.8	1.7	3.3	.2	4.5	(X)
1995	2.4	–4.8	–1.5	–8.2	9.6	1.6	4.0	2.7	–4.8	.2	4.1	–2.6	1.4	–4.4	8.4	–.4	(X)
1996	3.3	–2.3	.3	1.2	3.3	–.6	.1	1.4	3.0	–1.9	.9	–	1.3	2.6	2.8	1.1	(X)
1997	2.3	2.0	.6	1.7	–1.4	2.0	–.8	–1.1	3.2	1.3	–3.3	1.7	4.1	2.4	.3	1.3	(X)
PRIMARY METAL INDUSTRIES, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	8 687	9 820	10 790	10 230	9 801	10 663	9 513	10 224	11 208	11 239	11 283	12 531	29 297	30 694	30 945	35 053	125 989
1988	11 983	12 908	13 259	11 915	12 568	12 925	11 614	12 395	12 988	13 215	12 885	13 923	38 150	37 408	36 997	40 023	152 578
1989	14 397	14 793	13 788	13 897	13 111	12 649	10 991	11 580	12 153	11 717	11 805	11 933	42 978	39 657	34 724	35 455	152 814
1990	12 745	12 687	13 830	12 742	12 852	12 544	11 718	12 001	12 479	12 960	11 789	10 991	39 262	38 138	36 198	35 740	149 338
1991	10 815	10 826	11 112	11 474	11 206	11 512	11 454	11 642	11 696	11 400	11 220	10 300	32 753	34 192	34 792	32 920	134 657
1992	10 638	11 912	11 891	11 729	11 584	12 284	10 982	11 291	10 578	11 010	11 148	11 802	34 441	35 597	32 851	33 960	136 849
1993	12 956	13 332	13 191	11 804	11 383	12 013	10 456	11 207	11 651	12 019	12 011	11 995	39 479	35 200	33 314	36 025	144 018
1994	12 859	13 589	15 233	13 147	13 969	14 057	12 167	13 439	14 339	14 821	14 563	15 502	41 681	41 173	39 945	44 886	167 685
1995	16 319	16 215	16 432	14 671	14 227	14 515	12 481	14 963	14 582	15 082	14 640	14 575	48 966	43 413	42 026	44 297	178 702
1996	15 289	16 018	15 130	15 127	15 426	15 536	13 928	15 236	14 589	14 829	14 425	14 829	46 437	46 089	43 753	44 083	180 362
1997	16 343	17 087	16 727	16 721	15 951	16 136	15 212	15 859	16 962	15 919	15 763	15 307	50 157	48 808	48 033	46 989	193 987
Seasonally Adjusted—Millions of Dollars																	
1987	8 151	9 046	9 846	10 053	10 101	10 715	10 543	10 537	11 437	11 431	11 643	12 637	27 043	30 869	32 517	35 711	(X)
1988	11 503	12 083	12 104	11 834	12 742	12 857	12 801	12 849	13 069	13 366	13 206	14 069	35 690	37 433	38 719	40 641	(X)
1989	14 149	14 067	12 633	13 787	13 142	12 556	12 074	12 045	12 135	11 757	12 041	12 197	40 849	39 485	36 254	35 995	(X)
1990	12 640	12 182	12 776	12 583	12 787	12 398	12 650	12 446	12 512	13 063	11 992	11 365	37 598	37 768	37 608	36 420	(X)
1991	10 660	10 388	10 189	11 329	11 134	11 287	12 246	12 069	11 821	11 488	11 419	10 721	31 237	33 750	36 136	33 628	(X)
1992	10 457	11 391	10 910	11 576	11 558	11 979	11 829	11 721	10 724	11 078	11 349	12 319	32 758	35 113	34 274	34 746	(X)
1993	12 764	12 581	12 113	11 723	11 437	11 744	11 436	11 565	11 907	12 135	12 278	12 467	37 458	34 904	34 908	36 880	(X)
1994	12 492	12 695	14 117	13 081	14 030	13 826	13 467	13 747	14 692	14 948	14 912	15 930	39 304	40 937	41 906	45 790	(X)
1995	15 806	15 073	15 288	14 672	14 367	14 290	14 013	15 208	14 816	15 038	15 025	15 020	46 167	43 329	44 037	45 083	(X)
1996	14 703	14 886	14 245	15 059	15 539	15 347	15 492	15 470	14 820	14 761	14 814	15 262	43 834	45 945	45 782	44 837	(X)
1997	15 786	15 879	15 878	16 582	16 133	15 866	16 780	16 139	17 192	15 926	16 272	15 716	47 543	48 581	50 111	47 914	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–14.5	11.0	8.8	2.1	.5	6.1	–1.6	–.1	8.5	–.1	1.9	8.5	–.2	14.1	5.3	9.8	(X)
1988	–9.0	5.0	.2	–2.2	7.7	.9	–.4	.4	1.7	2.3	–1.2	6.5	–.1	4.9	3.4	5.0	(X)
1989	.6	–.6	–10.2	9.1	–4.7	–4.5	–3.8	–.2	.7	–3.1	2.4	1.3	.5	–3.3	–8.2	–.7	(X)
1990	3.6	–3.6	4.9	–1.5	1.6	–3.0	2.0	–1.6	.5	4.4	–8.2	–5.2	4.5	.5	–.4	–3.2	(X)
1991	–6.2	–2.6	–1.9	11.2	–1.7	1.4	8.5	–1.4	–2.1	–2.8	–.6	–6.1	–14.2	8.0	7.1	–6.9	(X)
1992	–2.5	8.9	–4.2	6.1	–.2	3.6	–1.3	–.9	–8.5	3.3	2.4	8.5	–2.6	7.2	–2.4	1.4	(X)
1993	3.6	–1.4	–3.7	–3.2	–2.4	2.7	–2.6	1.1	3.0	1.9	1.2	1.5	7.8	–6.8	–	5.6	(X)
1994	.2	1.6	11.2	–7.3	7.3	–1.5	–2.6	2.1	6.9	1.7	–.2	6.8	6.6	4.2	2.4	9.3	(X)
1995	–.8	–4.6	1.4	–4.0	–2.1	–.5	–1.9	8.5	–2.6	1.5	–.1	–	.8	–6.1	1.6	2.4	(X)
1996	–2.1	1.2	–4.3	5.7	3.2	–1.2	.9	–.1	–4.2	–.4	.4	3.0	–2.8	4.8	–.4	–2.1	(X)
1997	3.4	.6	–	4.4	–2.7	–1.7	5.8	–3.8	6.5	–7.4	2.2	–3.4	6.0	2.2	3.1	–4.4	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
BLAST FURNACES, STEEL MILLS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 639	4 400	4 669	4 756	3 972	4 479	4 261	4 567	4 505	4 569	5 293	5 653	12 708	13 207	13 333	15 515	54 763
1988	5 188	5 804	5 670	5 195	5 472	5 249	4 987	5 036	5 330	4 985	5 123	5 963	16 662	15 916	15 353	16 071	64 002
1989	6 567	6 400	5 242	5 446	5 125	4 673	4 479	4 608	4 838	5 079	4 935	5 360	18 209	15 244	13 925	15 374	62 752
1990	5 779	5 510	5 515	5 455	5 602	5 318	5 128	5 205	5 190	5 358	4 843	4 466	16 804	16 375	15 523	14 667	63 369
1991	4 673	4 346	4 100	4 842	4 742	4 742	5 339	5 244	4 910	4 926	4 412	4 090	13 119	14 326	15 493	13 428	56 366
1992	4 635	4 979	4 986	5 010	4 802	5 139	4 622	4 661	4 571	4 597	4 617	5 383	14 600	14 951	13 854	14 597	58 002
1993	6 132	6 288	5 851	4 987	4 946	5 281	4 632	5 024	5 043	5 256	5 163	5 001	18 271	15 214	14 699	15 420	63 604
1994	5 768	6 278	6 334	5 829	5 684	5 940	5 116	5 885	6 055	5 965	5 953	6 153	18 380	17 453	17 056	18 071	70 960
1995	7 035	6 987	7 346	6 142	6 131	6 036	5 183	6 386	5 832	6 454	6 304	5 975	21 368	18 309	17 401	18 733	75 811
1996	6 882	6 763	6 207	6 122	6 568	6 304	5 916	6 287	6 024	6 174	5 730	5 908	19 852	18 994	18 227	17 812	74 885
1997	7 148	7 036	6 500	6 936	6 453	6 602	6 228	6 306	6 365	6 694	6 610	6 603	20 684	19 991	18 899	19 907	79 481
Seasonally Adjusted—Millions of Dollars																	
1987	3 270	3 824	4 333	4 607	4 290	4 725	4 635	4 720	4 780	4 738	5 476	5 441	11 427	13 622	14 135	15 655	(X)
1988	4 777	5 201	5 354	5 091	5 695	5 437	5 364	5 237	5 531	5 111	5 289	5 828	15 332	16 223	16 132	16 228	(X)
1989	6 204	5 932	5 008	5 365	5 237	4 817	4 770	4 759	4 924	5 132	5 098	5 425	17 144	15 419	14 453	15 655	(X)
1990	5 479	5 233	5 275	5 383	5 616	5 390	5 364	5 341	5 312	5 408	5 000	4 629	15 987	16 389	16 017	15 037	(X)
1991	4 349	4 106	3 906	4 799	4 744	4 722	5 562	5 336	5 031	4 994	4 552	4 397	12 361	14 265	15 929	13 943	(X)
1992	4 322	4 659	4 703	4 969	4 822	5 030	4 920	4 728	4 694	4 642	4 798	5 800	13 684	14 821	14 342	15 240	(X)
1993	5 810	5 783	5 423	5 007	5 019	5 191	5 026	5 085	5 266	5 401	5 369	5 400	17 016	15 217	15 377	16 170	(X)
1994	5 310	5 681	5 852	5 861	5 747	5 879	5 634	5 932	6 345	6 084	6 182	6 617	16 843	17 487	17 911	18 883	(X)
1995	6 461	6 291	6 839	6 201	6 182	6 049	5 763	6 455	6 104	6 507	6 550	6 348	19 591	18 432	18 322	19 405	(X)
1996	6 206	6 073	5 842	6 154	6 607	6 392	6 509	6 387	6 335	6 188	5 938	6 206	18 121	19 153	19 231	18 332	(X)
1997	6 497	6 362	6 195	6 898	6 516	6 709	6 781	6 442	6 683	6 754	6 881	6 803	19 054	20 123	19 906	20 438	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−19.5	16.9	13.3	6.3	−6.9	10.1	−1.9	1.8	1.3	−.9	15.6	−.6	1.6	19.2	3.8	10.8	(X)
1988	−12.2	8.9	2.9	−4.9	11.9	−4.5	−1.3	−2.4	5.6	−7.6	3.5	10.2	−2.1	5.8	−.6	.6	(X)
1989	6.5	−4.4	−15.6	7.1	−2.4	−8.0	−1.0	−.2	3.5	4.2	−.7	6.4	5.6	−10.1	−6.3	8.3	(X)
1990	1.0	−4.5	.8	2.0	4.3	−4.0	−.5	−.4	−.5	1.8	−7.5	−7.4	2.1	2.5	−2.3	−6.1	(X)
1991	−6.0	−5.6	−4.9	22.9	−1.1	−.5	17.8	−4.1	−5.7	−.7	−8.9	−3.4	−17.8	15.4	11.7	−12.5	(X)
1992	−1.7	7.8	.9	5.7	−3.0	4.3	−2.2	−3.9	−.7	−1.1	3.4	20.9	−1.9	8.3	−3.2	6.3	(X)
1993	.2	−.5	−6.2	−7.7	.2	3.4	−3.2	1.2	3.6	2.6	−.6	.6	11.7	−10.6	1.1	5.2	(X)
1994	−1.7	7.0	3.0	.2	−1.9	2.3	−4.2	5.3	7.0	−4.1	1.6	7.0	4.2	3.8	2.4	5.4	(X)
1995	−2.4	−2.6	8.7	−9.3	−.3	−2.2	−4.7	12.0	−5.4	6.6	.7	−3.1	3.7	−5.9	−.6	5.9	(X)
1996	−2.2	−2.1	−3.8	5.3	7.4	−3.3	1.8	−1.9	−.8	−2.3	−4.0	4.5	−6.6	5.7	.4	−4.7	(X)
1997	4.7	−2.1	−2.6	11.3	−5.5	3.0	1.1	−5.0	3.7	1.1	1.9	−1.1	3.9	5.6	−1.1	2.7	(X)
IRON AND STEEL FOUNDRIES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	882	870	864	897	934	903	833	926	1 021	1 011	1 016	767	2 616	2 734	2 780	2 794	10 924
1988	931	1 013	1 076	1 047	1 087	1 115	933	1 045	1 162	1 178	1 054	938	3 020	3 249	3 140	3 170	12 579
1989	1 234	1 159	1 089	1 254	1 146	1 092	841	1 050	1 070	1 107	980	791	3 482	3 492	2 961	2 878	12 813
1990	985	1 030	1 303	1 184	1 146	1 186	975	1 280	1 076	1 202	1 006	652	3 318	3 516	3 331	2 860	13 025
1991	892	963	951	1 010	941	1 088	927	1 042	953	1 073	864	809	2 806	3 039	2 922	2 746	11 513
1992	898	812	1 013	981	1 085	1 072	731	1 048	877	1 117	1 023	853	2 723	3 138	2 656	2 993	11 510
1993	1 162	1 045	1 099	1 175	1 163	1 079	863	1 041	1 212	1 362	1 178	923	3 306	3 417	3 116	3 463	13 302
1994	1 256	1 159	1 465	1 147	1 311	1 358	903	1 086	1 192	1 336	1 185	1 364	3 880	3 816	3 181	3 885	14 762
1995	1 327	1 475	1 358	1 357	1 179	1 234	912	1 289	1 292	1 413	1 221	977	4 160	3 770	3 493	3 611	15 034
1996	1 418	1 597	1 364	1 415	1 365	1 643	1 169	1 444	1 401	1 281	1 330	1 277	4 379	4 423	4 014	3 888	16 704
1997	1 455	1 595	1 520	1 509	1 435	1 558	1 277	1 419	1 572	1 555	1 612	1 486	4 570	4 502	4 268	4 653	17 993
Seasonally Adjusted—Millions of Dollars																	
1987	858	847	811	838	909	849	944	925	1 030	927	1 040	950	2 514	2 596	2 899	2 917	(X)
1988	911	999	1 024	975	1 047	1 057	1 081	1 028	1 139	1 077	1 079	1 152	2 934	3 079	3 248	3 308	(X)
1989	1 234	1 164	1 040	1 175	1 097	1 038	1 006	1 021	1 033	992	1 009	987	3 438	3 310	3 060	2 988	(X)
1990	966	1 056	1 254	1 102	1 086	1 137	1 168	1 256	1 046	1 072	1 043	836	3 276	3 325	3 470	2 951	(X)
1991	848	1 004	887	944	882	1 032	1 113	1 031	942	951	904	969	2 739	2 858	3 086	2 824	(X)
1992	859	845	940	926	1 028	1 015	872	1 045	883	1 014	1 062	1 030	2 644	2 969	2 800	3 106	(X)
1993	1 139	1 051	1 000	1 127	1 107	1 004	1 012	1 041	1 233	1 268	1 226	1 093	3 190	3 238	3 286	3 587	(X)
1994	1 219	1 129	1 349	1 102	1 265	1 277	1 100	1 089	1 214	1 257	1 231	1 562	3 697	3 644	3 403	4 050	(X)
1995	1 293	1 396	1 232	1 320	1 149	1 144	1 137	1 292	1 299	1 342	1 268	1 143	3 921	3 613	3 728	3 753	(X)
1996	1 410	1 475	1 260	1 370	1 345	1 545	1 419	1 460	1 399	1 204	1 383	1 442	4 145	4 260	4 278	4 029	(X)
1997	1 456	1 431	1 409	1 463	1 435	1 457	1 531	1 458	1 579	1 471	1 681	1 677	4 296	4 355	4 568	4 829	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−6.3	−1.1	−4.3	3.3	8.5	−6.6	11.2	−2.0	11.4	−10.0	12.2	−8.7	−6.2	3.3	11.7	.6	(X)
1988	−4.1	9.7	2.5	−4.8	7.4	1.0	2.3	−4.9	10.8	−5.4	.2	6.8	.6	4.9	5.5	1.8	(X)
1989	7.1	−5.7	−10.7	13.0	−6.6	−5.4	−3.1	1.5	1.2	−4.0	1.7	−2.2	3.9	−3.7	−7.6	−2.4	(X)
1990	−2.1	9.3	18.8	−12.1	−1.5	4.7	2.7	7.5	−16.7	2.5	−2.7	−19.8	9.6	1.5	4.4	−15.0	(X)
1991	1.4	18.4	−11.7	6.4	−6.6	17.0	7.8	−7.4	−8.6	1.0	−4.9	7.2	−7.2	4.3	8.0	−8.5	(X)
1992	−11.4	−1.6	11.2	−1.5	11.0	−1.3	−14.1	19.8	−15.5	14.8	4.7	−3.0	−6.4	12.3	−5.7	10.9	(X)
1993	10.6	−7.7	−4.9	12.7	−1.8	−9.3	.8	2.9	18.4	2.8	−3.3	−10.8	2.7	1.5	1.5	9.2	(X)
1994	11.5	−7.4	19.5	−18.3	14.8	.9	−13.9	−1.0	11.5	3.5	−2.1	26.9	3.1	−1.4	−6.6	19.0	(X)
1995	−17.2	8.0	−11.7	7.1	−13.0	−.4	−.6	13.6	.5	3.3	−5.5	−9.9	−3.2	−7.9	3.2	.7	(X)
1996	23.4	4.6	−14.6	8.7	−1.8	14.9	−8.2	2.9	−4.2	−13.9	14.9	4.3	10.4	2.8	.4	−5.8	(X)
1997	1.0	−1.7	−1.5	3.8	−1.9	1.5	5.1	−4.8	8.3	−6.8	14.3	−.2	6.6	1.4	4.9	5.7	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annuel
	Jan.	Feb.	March	April	Mey	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	NONFERROUS AND OTHER PRIMARY METALS—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	4 166	4 550	5 257	4 577	4 895	5 281	4 419	4 731	5 682	5 659	4 974	8 111	13 973	14 753	14 832	16 744	60 302
1988	5 864	6 091	8 513	5 673	6 009	6 561	5 694	6 314	6 496	7 052	6 708	7 022	18 468	18 243	18 504	20 782	75 997
1989	6 596	7 234	7 457	7 197	6 840	6 884	5 671	5 922	6 245	5 531	5 890	5 782	21 287	20 921	17 838	17 203	77 249
1990	5 981	6 147	7 012	6 103	6 104	6 040	5 615	5 516	6 213	6 400	5 940	5 873	19 140	18 247	17 344	18 213	72 944
1991	5 250	5 517	6 061	5 622	5 523	5 682	5 188	5 356	5 833	5 401	5 944	5 401	16 828	16 827	16 377	16 746	66 778
1992	5 105	6 121	5 892	5 738	5 697	6 073	5 629	5 582	5 130	5 296	5 508	5 566	17 118	17 508	16 341	16 370	67 337
1993	5 662	5 999	6 241	5 642	5 274	5 653	4 961	5 142	5 396	5 401	5 670	6 071	17 902	16 569	15 499	17 142	67 112
1994	5 835	6 152	7 434	8 171	6 974	6 759	6 148	6 468	7 092	7 520	7 425	7 985	19 421	19 904	19 708	22 930	81 963
1995	7 957	7 753	7 728	7 172	6 917	7 245	6 388	7 288	7 458	7 215	7 115	7 623	23 438	21 334	21 132	21 953	87 857
1996	8 989	7 658	7 559	7 590	7 493	7 589	6 843	7 505	7 164	7 374	7 365	7 644	22 206	22 672	21 512	22 383	88 773
1997	7 740	8 456	8 707	8 276	8 063	7 976	7 707	8 134	9 025	7 670	7 541	7 218	24 903	24 315	24 866	22 429	96 513
	Seasonally Adjusted—Millions of Dollars																
1987	4 025	4 375	4 702	4 608	4 902	5 141	4 964	4 892	5 627	5 766	5 127	6 246	13 102	14 651	15 483	17 139	(X)
1988	5 815	5 883	5 726	5 768	6 000	6 363	6 356	6 584	6 399	7 178	6 838	7 089	17 424	18 131	19 339	21 105	(X)
1989	6 711	6 971	6 585	7 247	6 808	6 701	6 298	6 265	6 178	5 633	5 934	5 785	20 267	20 756	18 741	17 352	(X)
1990	6 195	5 893	6 247	6 098	6 085	5 871	6 118	5 849	6 154	6 583	5 949	5 900	18 335	18 054	18 121	18 432	(X)
1991	5 463	5 278	5 396	5 586	5 508	5 533	5 571	5 702	5 848	5 543	5 963	5 355	16 137	16 627	17 121	16 861	(X)
1992	5 276	5 887	5 267	5 681	5 708	5 934	6 037	5 948	5 147	5 422	5 489	5 489	16 430	17 323	17 132	16 400	(X)
1993	5 815	5 747	5 690	5 589	5 311	5 549	5 398	5 439	5 408	5 466	5 683	5 974	17 252	16 449	16 245	17 123	(X)
1994	5 963	5 885	6 916	6 118	7 018	6 670	6 733	6 726	7 133	7 607	7 499	7 751	18 764	19 806	20 592	22 857	(X)
1995	8 052	7 386	7 217	7 151	7 036	7 097	7 113	7 461	7 413	7 189	7 207	7 529	22 655	21 284	21 987	21 925	(X)
1996	7 087	7 338	7 143	7 535	7 587	7 410	7 564	7 623	7 086	7 369	7 493	7 614	21 568	22 532	22 273	22 476	(X)
1997	7 833	8 086	8 274	8 221	8 182	7 700	8 468	8 239	8 930	7 701	7 710	7 236	24 193	24 103	25 637	22 647	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	−11.7	8.7	7.5	−2.0	6.4	4.9	−3.4	−1.5	15.0	2.5	−11.1	21.8	−.5	11.8	5.7	10.7	(X)
1988	−6.9	1.2	−2.7	.7	4.0	6.0	−.1	3.6	−2.8	12.2	−4.7	3.7	1.7	4.1	6.7	9.1	(X)
1989	−5.3	3.9	−5.5	10.1	−6.1	−1.6	−6.0	−.5	−1.4	−8.8	5.3	−2.5	−4.0	2.4	−9.7	−7.4	(X)
1990	7.1	−4.9	6.0	−2.4	−.2	−3.5	4.2	−4.4	5.2	7.0	−9.6	−.8	5.7	−1.5	.4	1.7	(X)
1991	−7.4	−3.4	2.2	3.5	−1.4	.5	.7	2.4	2.6	−5.2	7.6	−10.2	−12.5	3.0	3.0	−1.5	(X)
1992	−1.5	11.6	−10.5	7.9	.5	4.0	1.7	−1.5	−13.5	5.3	1.2	–	−2.6	5.4	−1.1	−4.3	(X)
1993	5.9	−1.2	−1.0	−1.8	−5.0	4.5	−2.7	.8	−.6	1.1	4.0	5.1	5.2	−4.7	−1.2	5.4	(X)
1994	−.2	−1.3	17.5	−11.5	14.7	−5.0	.9	−.1	6.1	6.6	−1.4	3.4	9.6	5.6	4.0	11.0	(X)
1995	3.9	−8.3	−2.3	−.9	−1.6	.9	.2	4.9	−.6	−3.0	.3	4.5	−.9	−6.1	3.3	−.3	(X)
1996	−5.9	3.5	−2.7	5.5	.7	−2.3	2.1	.8	−7.0	4.0	1.7	1.6	−1.6	4.5	−1.1	.9	(X)
1997	2.9	3.2	2.3	−.6	−.5	−5.9	10.0	−2.7	8.4	−13.8	.1	−6.1	7.6	−.4	6.4	−11.7	(X)
	FABRICATED METAL PRODUCTS, TOTAL—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	10 905	12 614	13 371	12 400	12 878	13 990	11 873	12 377	13 220	12 844	12 416	11 828	36 890	39 268	37 470	37 088	150 716
1988	11 097	13 267	13 950	12 993	13 844	14 225	12 133	12 823	13 735	13 700	13 311	13 092	38 314	41 062	38 691	40 103	158 170
1989	12 430	14 439	14 507	13 472	13 272	14 472	11 505	12 710	13 726	13 944	12 931	12 629	41 376	41 216	37 941	39 504	160 037
1990	12 144	13 495	14 917	13 791	14 173	14 682	13 205	13 318	14 819	13 679	12 454	12 608	40 556	42 646	41 342	38 741	163 285
1991	12 147	12 500	13 506	13 254	13 452	13 676	12 226	13 450	13 912	14 245	13 416	12 617	38 153	40 382	39 588	40 278	158 401
1992	12 510	13 333	13 969	13 284	13 548	15 343	11 824	13 760	15 236	15 003	13 714	14 269	39 812	42 175	40 820	42 986	165 793
1993	13 071	14 120	14 994	13 966	14 419	15 086	12 685	14 476	15 419	15 157	14 179	14 549	42 185	43 471	42 580	43 885	172 121
1994	13 912	15 207	17 159	15 457	16 142	16 695	14 376	16 769	16 718	16 643	16 371	15 650	46 278	48 294	47 863	48 664	191 099
1995	16 167	17 301	17 862	16 809	17 546	17 935	15 214	17 653	17 978	17 894	16 914	16 115	51 330	52 290	50 845	50 923	205 388
1996	16 085	17 443	17 870	17 875	18 890	19 199	16 246	18 808	19 348	19 094	18 018	16 917	51 398	55 964	54 402	54 027	215 791
1997	17 086	19 044	19 073	19 456	18 846	20 499	17 410	19 479	20 571	20 380	18 834	17 889	55 203	58 801	57 460	57 103	228 567
	Seasonally Adjusted—Millions of Dollars																
1987	11 985	12 328	12 482	12 264	12 465	13 244	12 801	12 507	12 812	12 544	12 681	12 520	36 795	37 973	38 120	37 745	(X)
1988	12 221	13 074	13 032	12 843	13 460	13 351	13 179	12 988	13 252	13 301	13 536	13 785	38 327	39 654	39 419	40 622	(X)
1989	13 625	14 364	13 540	13 362	12 934	13 603	12 594	12 832	13 159	13 448	13 227	13 270	41 529	39 899	38 585	39 945	(X)
1990	13 258	13 582	13 992	13 727	13 837	13 736	14 353	13 330	14 221	13 150	12 795	13 171	40 832	41 300	41 904	39 116	(X)
1991	13 239	12 630	12 691	13 255	13 167	12 744	13 272	13 355	13 310	13 717	13 782	13 125	38 560	39 166	39 937	40 624	(X)
1992	13 596	13 413	13 168	13 350	13 282	14 516	12 963	13 596	14 563	14 411	14 068	14 822	40 177	41 148	41 122	43 301	(X)
1993	14 191	14 165	14 211	14 085	14 122	14 227	13 936	14 190	14 724	14 470	14 520	15 269	42 567	42 434	42 850	44 259	(X)
1994	15 046	15 210	16 410	15 573	15 820	15 771	15 870	16 331	15 967	15 863	16 734	16 554	46 666	47 164	48 168	49 151	(X)
1995	17 367	17 272	17 155	16 875	17 186	16 908	16 863	17 161	17 148	17 082	17 312	17 165	51 794	50 969	51 172	51 559	(X)
1996	17 327	17 365	17 223	17 843	18 507	18 045	17 959	18 299	18 442	18 264	18 444	18 049	51 915	54 395	54 700	54 757	(X)
1997	18 435	18 863	18 419	19 360	18 433	19 225	19 205	19 038	19 559	19 521	19 320	19 190	55 717	57 018	57 802	58 031	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	−5.2	2.9	1.2	−1.7	1.6	6.2	−3.3	−2.3	2.4	−2.1	1.1	−1.3	.4	3.2	.4	−1.0	(X)
1988	−2.4	7.0	−.3	−1.5	4.8	−.8	−1.3	−1.4	2.0	.4	1.8	1.8	1.5	3.5	−.6	3.1	(X)
1989	−1.2	5.4	−5.7	−1.3	−3.2	5.2	−7.4	1.9	2.5	2.2	−1.6	.3	2.2	−3.9	−3.3	3.5	(X)
1990	−.1	2.4	3.0	−1.9	.8	−.7	4.5	−7.1	6.7	−7.5	−2.7	2.9	2.2	1.1	1.5	−6.7	(X)
1991	.5	−4.6	.5	4.4	−.7	−3.2	4.1	.6	−.3	3.1	.5	−4.8	−1.4	1.6	2.0	1.7	(X)
1992	3.6	−1.3	−1.8	1.4	−.5	9.3	−10.7	4.9	7.1	−1.0	−2.4	5.4	−1.1	2.4	−.1	5.3	(X)
1993	−4.3	−.2	.3	−.9	.3	.7	−2.0	1.8	3.8	−1.7	.3	5.2	−1.7	−.3	1.0	3.3	(X)
1994	−1.5	1.1	7.9	−5.1	1.6	−.3	.6	2.9	−2.2	−.7	5.5	−1.1	5.4	1.1	2.1	2.0	(X)
1995	4.9	−.5	−.7	−1.6	1.8	−1.6	−.3	1.8	−.1	−.4	1.3	−.8	5.4	−1.6	.4	.8	(X)
1996	.9	.2	−.8	3.6	3.7	−2.5	−.5	1.9	.8	−1.0	1.0	−2.1	.7	4.8	.6	.1	(X)
1997	2.1	2.3	−2.4	5.1	−4.8	4.3	−.1	−.9	2.7	−.2	−1.0	−.7	1.8	2.3	1.4	.4	(X)

See footnotes et end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	15 264	18 067	19 012	17 951	18 085	20 237	16 831	17 220	20 413	18 913	18 318	20 860	52 343	56 273	54 464	58 091	221 171
1988	17 598	19 965	22 425	20 466	20 303	23 599	18 526	20 899	22 995	20 087	20 559	22 633	59 988	64 368	62 420	63 279	250 055
1989	19 413	21 248	23 468	21 471	21 409	25 814	17 604	19 847	23 815	19 810	20 841	22 311	64 129	68 694	81 268	62 962	257 051
1990	19 497	21 311	24 099	20 897	21 497	24 008	19 774	19 613	24 038	21 458	20 775	21 927	64 907	66 402	63 425	64 160	258 894
1991	19 208	19 187	21 679	19 926	20 646	22 593	17 969	18 904	22 649	19 937	19 643	21 109	60 074	63 165	59 522	60 689	243 450
1992	18 855	20 147	23 800	20 820	20 425	25 378	18 610	19 832	23 708	21 324	21 200	24 509	62 802	68 623	62 150	87 033	258 608
1993	19 735	22 035	25 461	21 542	22 235	25 023	19 431	21 301	25 385	23 174	24 491	27 603	67 231	68 800	66 117	75 268	277 416
1994	21 953	25 305	29 809	25 823	26 323	30 779	23 358	26 550	29 937	28 440	28 386	29 125	77 067	82 925	79 845	85 951	325 788
1995	26 071	29 354	34 190	27 889	29 251	34 041	23 842	27 979	32 657	30 101	31 056	32 479	89 615	91 181	84 478	93 636	358 910
1996	27 702	32 435	35 374	29 935	31 250	35 936	27 469	30 395	35 355	32 026	31 299	34 573	95 511	97 121	93 219	97 898	383 749
1997	28 532	33 050	37 733	32 932	32 465	37 837	30 238	32 038	39 174	34 829	33 326	37 061	99 315	103 234	101 450	105 216	409 215
Seasonally Adjusted—Millions of Dollars																	
1987	17 343	17 913	17 312	18 127	18 250	18 137	19 148	18 517	19 000	19 396	18 788	19 262	52 568	54 514	56 665	57 446	(X)
1988	19 858	20 020	20 520	20 622	20 577	21 084	21 055	22 270	21 301	20 601	21 199	20 755	60 398	62 283	64 626	62 555	(X)
1989	21 760	21 472	21 461	21 646	21 676	22 986	20 289	21 208	22 020	20 167	21 516	20 524	64 693	66 308	63 517	62 207	(X)
1990	21 811	21 798	21 945	21 154	21 650	21 094	22 622	20 908	22 235	21 779	21 381	20 444	65 554	63 898	65 765	63 604	(X)
1991	21 525	19 734	19 577	20 252	20 747	19 604	20 851	20 241	21 124	20 233	20 168	19 781	60 836	60 603	62 216	60 182	(X)
1992	21 408	20 659	21 251	21 447	20 645	22 102	21 758	21 344	21 925	21 590	21 630	22 657	63 318	64 194	65 027	65 877	(X)
1993	22 604	22 451	22 382	22 162	22 432	21 881	22 866	22 956	23 438	23 439	24 934	25 437	67 437	66 475	69 260	73 810	(X)
1994	24 941	25 628	26 284	26 797	26 672	27 222	27 369	28 383	27 771	28 416	28 755	27 082	76 853	80 691	83 523	84 253	(X)
1995	29 616	29 637	30 184	29 208	29 876	30 237	28 290	29 988	29 900	30 058	31 613	30 530	89 437	89 321	88 178	92 201	(X)
1996	31 612	32 943	30 709	31 310	32 034	31 508	32 293	32 549	32 075	31 936	32 007	32 398	95 264	94 852	96 917	96 341	(X)
1997	32 911	33 468	32 862	34 184	33 279	32 985	35 411	34 420	35 499	34 991	34 395	34 853	99 241	100 448	105 330	104 239	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.5	3.3	–3.4	4.7	.7	–.6	5.6	–3.3	2.6	2.1	–3.1	2.5	2.6	3.7	3.9	1.4	(X)
1988	3.1	.8	2.5	.5	–.2	2.5	–.1	5.8	–4.4	–3.3	2.9	–2.1	5.1	3.1	3.8	–3.2	(X)
1989	4.8	–1.3	–.1	.9	.1	6.0	–11.7	4.5	3.8	–8.4	6.7	–4.6	3.4	2.5	–4.2	–2.1	(X)
1990	6.3	–.1	.7	–3.6	2.3	–2.6	7.2	–7.6	6.3	–2.1	–1.8	–4.4	5.4	–2.5	2.9	–3.3	(X)
1991	5.3	–8.3	–.8	3.4	2.4	–5.5	6.4	–2.9	4.4	–4.2	–.3	–1.9	–4.4	–.4	2.7	–3.3	(X)
1992	8.2	–3.5	2.9	.9	–3.7	7.1	–1.6	–1.9	2.7	–1.5	.2	4.7	5.2	1.4	1.3	1.3	(X)
1993	–.2	–.7	–.3	–1.0	1.2	–2.5	4.5	.4	2.1	–	6.4	2.0	2.4	–1.4	4.2	6.6	(X)
1994	–1.9	2.8	2.6	2.0	–.5	2.1	.5	3.7	–2.2	2.3	1.2	–5.8	4.1	5.0	3.5	.9	(X)
1995	9.4	.1	1.8	–3.2	2.3	1.2	–6.4	6.0	–.3	.5	5.2	–3.4	6.2	–.1	–1.3	4.6	(X)
1996	3.5	4.2	–6.8	2.0	2.3	–1.6	2.5	.8	–1.5	–.4	.2	1.2	3.3	–.4	2.2	–.6	(X)
1997	1.6	1.7	–1.8	4.0	–2.6	–.9	7.4	–2.8	3.1	–1.4	–1.7	1.3	3.0	1.2	4.9	–1.0	(X)
ENGINES AND TURBINES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	768	1 051	1 372	1 088	1 199	1 229	1 134	1 291	1 444	1 358	1 301	1 380	3 191	3 516	3 869	4 039	14 615
1988	948	1 107	1 254	1 166	1 332	1 567	1 175	1 452	1 747	1 427	1 412	1 195	3 309	4 065	4 374	4 034	15 782
1989	1 255	1 736	1 508	1 297	1 526	2 774	1 048	1 526	1 751	1 401	1 637	1 980	4 499	5 597	4 325	5 018	19 439
1990	1 486	1 632	1 570	1 172	1 561	1 698	1 901	1 489	2 063	1 605	1 654	1 773	4 688	4 431	5 453	5 032	19 604
1991	1 382	1 078	1 393	1 303	1 429	1 326	1 747	1 292	2 461	1 396	1 291	1 525	3 853	4 058	5 500	4 212	17 623
1992	1 302	1 266	1 673	1 287	1 684	2 100	1 381	1 640	2 285	1 544	1 674	2 454	4 241	5 071	5 306	5 672	20 290
1993	850	1 036	1 651	936	1 072	1 895	1 178	1 351	2 203	1 337	1 304	2 387	3 537	3 903	4 732	5 028	17 200
1994	1 226	1 426	1 660	1 298	1 721	2 483	1 371	2 603	2 175	2 077	2 149	2 160	4 312	5 502	6 149	6 386	22 349
1995	1 510	1 598	1 871	1 618	1 770	2 752	1 408	1 938	2 622	1 883	2 557	2 358	4 979	6 140	5 968	6 798	23 885
1996	1 642	1 864	1 666	1 453	1 884	2 279	1 763	1 815	2 631	2 255	2 296	2 691	5 172	5 616	6 209	7 242	24 239
1997	1 406	2 012	1 930	1 468	1 524	2 022	1 581	2 044	2 677	2 413	2 347	2 263	5 348	5 014	6 302	7 023	23 687
Seasonally Adjusted—Millions of Dollars																	
1987	983	1 095	1 252	1 208	1 252	1 168	1 281	1 284	1 323	1 355	1 275	1 065	3 330	3 628	3 888	3 695	(X)
1988	1 204	1 162	1 178	1 305	1 397	1 506	1 329	1 442	1 603	1 426	1 367	657	3 544	4 208	4 374	3 450	(X)
1989	1 556	1 835	1 518	1 500	1 617	2 638	1 188	1 463	1 545	1 397	1 524	1 367	4 909	5 755	4 196	4 288	(X)
1990	1 745	1 851	1 689	1 412	1 699	1 469	2 039	1 377	1 770	1 571	1 534	1 225	5 285	4 580	5 186	4 330	(X)
1991	1 732	1 359	1 523	1 627	1 617	890	2 000	1 253	2 157	1 401	1 190	1 005	4 614	4 134	5 410	3 596	(X)
1992	1 706	1 564	1 727	1 639	1 858	1 759	1 651	1 646	1 914	1 585	1 624	1 662	4 997	5 256	5 211	4 871	(X)
1993	1 282	1 319	1 685	1 243	1 206	1 485	1 549	1 376	1 715	1 368	1 299	1 448	4 286	3 934	4 640	4 115	(X)
1994	1 557	1 703	1 672	1 637	1 874	1 952	1 771	2 638	1 635	2 001	2 149	1 162	4 932	5 463	6 044	5 312	(X)
1995	2 046	1 962	1 943	2 201	2 025	2 378	1 864	1 974	1 956	1 822	2 518	1 725	5 951	6 604	5 794	6 065	(X)
1996	2 197	2 209	1 676	1 856	2 073	1 717	2 299	1 869	1 929	2 054	2 144	2 023	6 082	5 646	6 097	6 221	(X)
1997	1 990	2 348	2 023	1 910	1 643	1 601	2 054	2 121	2 024	2 219	2 196	1 821	6 361	5 154	6 199	6 236	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	9.0	11.4	14.3	–3.5	3.6	–6.7	9.7	.2	3.0	2.4	–5.9	–16.5	17.1	8.9	7.2	–5.0	(X)
1988	13.1	–3.5	1.4	10.8	7.0	7.8	–11.8	8.5	11.2	–11.0	–4.1	–51.9	–4.1	18.7	3.9	–21.1	(X)
1989	136.8	17.9	–17.3	–1.2	7.8	63.1	–55.0	23.1	5.6	–9.6	9.1	–10.3	42.3	17.2	–27.1	2.2	(X)
1990	27.7	6.1	–8.8	–16.4	20.3	–13.5	38.8	–32.5	28.5	–11.2	–2.4	–20.1	23.3	–13.3	13.2	–16.5	(X)
1991	41.4	–21.5	12.1	6.8	–.6	–45.0	124.7	–37.3	72.1	–35.0	–15.1	–15.5	6.6	–10.4	30.9	–33.5	(X)
1992	69.8	–8.3	10.4	–5.1	13.4	–5.3	–6.1	–.3	16.3	–17.2	2.5	2.3	39.0	5.2	–.9	–6.5	(X)
1993	–22.9	2.9	27.7	–26.2	–3.0	23.1	4.3	–11.2	24.6	–20.2	–5.0	11.5	–12.0	–8.2	17.9	–11.3	(X)
1994	7.5	9.4	–1.8	–2.1	14.5	4.2	–9.3	49.0	–38.0	22.4	7.4	–45.9	19.9	10.8	10.6	–12.1	(X)
1995	76.1	–4.1	–1.0	13.3	–8.0	17.4	–21.6	5.9	–.9	–6.9	38.2	–31.5	12.0	11.0	–12.3	4.7	(X)
1996	27.4	.5	–24.1	10.7	11.7	–17.2	33.9	–18.7	3.2	6.5	4.4	–5.6	.3	–7.2	8.0	2.0	(X)
1997	–1.6	18.0	–13.8	–5.6	–14.0	–2.6	28.3	3.3	–4.6	9.6	–1.0	–17.1	2.3	–19.0	20.3	.6	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
CONSTRUCTION, MINING, AND MATERIAL HANDLING EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 371	1 998	2 000	2 032	1 976	1 995	2 501	1 879	2 321	2 127	2 274	2 576	5 369	6 003	6 701	8 977	25 050
1988	2 023	2 382	2 718	2 539	2 261	2 476	2 609	2 222	2 431	2 459	2 351	2 596	7 123	7 276	7 262	7 406	29 067
1989	2 291	2 367	3 038	2 776	2 345	2 546	2 295	2 260	2 371	2 526	2 688	2 343	7 696	7 667	6 926	7 557	29 846
1990	2 678	2 614	2 745	2 786	2 417	2 848	2 274	2 140	2 244	2 702	2 582	2 172	8 037	8 051	6 658	7 456	30 202
1991	2 625	1 915	2 203	2 444	2 264	2 034	1 842	2 112	2 432	2 092	2 040	2 129	6 743	6 742	6 386	6 261	28 132
1992	1 977	2 197	2 291	2 206	2 212	2 516	2 147	2 247	2 514	2 590	2 246	2 337	6 465	6 934	6 908	7 173	27 480
1993	2 447	2 709	2 807	2 482	2 705	2 425	2 182	2 465	2 472	2 795	2 542	2 540	7 963	7 612	7 119	7 877	30 571
1994	2 535	3 103	3 188	2 976	2 870	3 148	2 508	2 809	3 104	3 188	3 024	2 932	8 826	8 994	8 421	9 144	35 385
1995	3 422	3 415	3 757	3 094	3 223	3 316	2 743	2 945	3 343	3 585	3 172	3 583	10 594	9 633	9 031	10 340	39 598
1996	3 286	4 022	3 810	3 419	3 483	3 601	2 917	3 233	3 706	3 272	3 392	3 622	11 118	10 503	9 856	10 286	41 763
1997	3 729	3 958	4 307	4 038	3 590	3 966	3 393	3 736	4 073	4 445	3 962	4 317	11 994	11 592	11 202	12 724	47 512
Seasonally Adjusted—Millions of Dollars																	
1987	1 539	1 960	1 857	1 924	2 000	1 942	2 418	2 158	2 332	2 142	2 239	2 544	5 356	5 866	6 908	8 925	(X)
1988	2 225	2 349	2 510	2 387	2 313	2 416	2 810	2 480	2 481	2 461	2 330	2 553	7 084	7 116	7 551	7 344	(X)
1989	2 461	2 326	2 780	2 612	2 427	2 499	2 407	2 481	2 409	2 471	2 694	2 350	7 567	7 538	7 297	7 515	(X)
1990	2 810	2 555	2 474	2 628	2 462	2 781	2 485	2 299	2 271	2 625	2 631	2 224	7 839	7 869	7 055	7 480	(X)
1991	2 699	1 848	1 988	2 310	2 269	1 948	2 085	2 238	2 452	1 993	2 109	2 221	6 533	6 527	8 775	8 323	(X)
1992	2 025	2 076	2 089	2 109	2 195	2 411	2 427	2 390	2 524	2 487	2 361	2 440	6 190	6 715	7 341	7 288	(X)
1993	2 532	2 515	2 515	2 421	2 670	2 316	2 506	2 640	2 459	2 690	2 688	2 642	7 562	7 407	7 605	8 020	(X)
1994	2 617	2 855	2 828	2 955	2 840	3 041	2 916	3 015	3 094	3 074	3 203	3 018	8 300	8 836	9 025	9 295	(X)
1995	3 502	3 079	3 296	3 107	3 230	3 210	3 232	3 185	3 332	3 480	3 363	3 858	9 877	9 547	9 749	10 479	(X)
1996	3 343	3 654	3 288	3 415	3 528	3 507	3 449	3 511	3 697	3 128	3 606	3 656	10 285	10 450	10 657	10 388	(X)
1997	3 808	3 574	3 736	3 979	3 664	3 862	3 954	4 050	4 055	4 328	4 200	4 337	11 118	11 505	12 059	12 865	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–25.4	27.4	–5.3	3.8	4.0	–2.9	24.5	–10.8	8.1	–8.1	4.5	13.6	–11.1	9.5	17.8	.2	(X)
1988	–12.5	5.6	6.9	–4.9	–3.1	4.5	8.0	–5.0	–.8	–	–5.3	9.6	2.3	.5	6.1	–2.7	(X)
1989	–3.6	–5.5	19.5	–6.0	–7.1	3.0	–3.7	3.1	–2.9	2.6	9.0	–12.8	3.0	–.4	–3.2	3.0	(X)
1990	19.6	–9.1	–3.2	6.1	–6.2	13.0	–10.8	–7.5	–1.2	15.6	.2	–15.5	4.3	.4	–10.3	6.0	(X)
1991	21.4	–31.5	7.5	16.3	–1.8	–14.1	7.0	7.3	9.6	–18.7	5.8	5.3	–12.7	–.1	3.8	–6.7	(X)
1992	–8.8	2.5	.6	1.0	4.1	9.8	.7	–1.5	5.6	–1.5	–5.1	3.3	–2.1	8.5	9.3	–.7	(X)
1993	3.8	–.7	–	–3.7	10.3	–13.3	8.2	5.3	–6.9	9.4	–.1	–1.7	3.8	–2.0	2.7	5.5	(X)
1994	–.9	9.1	–.9	4.5	–3.9	7.1	–4.1	3.4	2.6	–.8	4.2	–5.8	3.5	6.5	2.1	3.0	(X)
1995	16.0	–12.1	7.0	–5.7	4.0	–.6	.7	–1.5	4.8	3.8	–2.8	8.7	6.3	–3.3	2.1	7.5	(X)
1996	–8.6	9.3	–10.0	3.9	3.3	–.6	–1.7	1.8	5.3	–15.4	15.4	1.4	–1.9	1.6	2.0	–2.5	(X)
1997	4.2	–6.1	4.5	8.5	–7.9	5.4	2.4	2.4	.1	6.7	–3.0	3.3	7.0	3.5	4.8	8.7	(X)
METALWORKING MACHINERY—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 731	1 878	1 937	1 809	1 696	1 895	1 523	1 672	2 014	2 004	1 957	1 900	5 548	5 400	5 209	5 861	22 016
1988	1 893	2 144	2 502	2 111	2 022	2 223	2 075	2 220	2 462	2 239	2 519	2 087	8 539	6 356	6 757	8 845	26 497
1989	1 972	2 409	2 462	2 054	2 167	2 307	1 984	1 844	2 665	2 258	2 086	1 896	6 843	6 528	6 493	6 240	26 104
1990	1 841	2 026	2 617	1 802	1 977	2 568	1 894	2 045	2 420	2 384	2 094	2 496	6 484	8 347	6 359	8 974	26 164
1991	1 596	1 894	2 307	1 881	1 897	2 295	1 954	2 060	2 399	2 023	2 233	2 596	5 797	6 073	6 413	8 852	25 135
1992	1 837	2 069	2 478	1 956	1 835	2 277	1 833	1 734	2 399	1 861	2 238	2 463	6 384	6 068	5 966	8 562	24 980
1993	1 885	2 258	2 465	2 108	2 175	2 701	1 979	2 272	2 597	2 314	2 815	3 100	8 608	6 984	6 848	8 229	28 669
1994	2 462	2 522	3 095	2 518	2 591	3 021	2 237	2 686	3 219	2 863	3 167	2 839	8 079	8 130	8 142	8 869	33 220
1995	2 706	3 000	3 422	2 916	2 987	3 150	2 447	2 845	3 083	3 188	2 753	2 691	9 128	9 053	8 175	8 630	34 986
1996	2 456	3 170	3 232	2 741	3 183	3 269	2 732	2 976	3 437	3 359	3 265	3 015	8 858	9 193	9 145	9 639	36 835
1997	2 688	3 343	3 505	3 360	3 188	3 491	2 848	3 514	3 737	3 627	3 709	3 184	9 538	10 039	10 099	10 520	40 194
Seasonally Adjusted—Millions of Dollars																	
1987	1 906	1 786	1 758	1 838	1 722	1 790	1 770	1 798	1 913	1 867	1 913	1 880	5 450	5 350	5 481	5 660	(X)
1988	2 128	2 072	2 286	2 186	2 054	2 089	2 345	2 368	2 334	2 064	2 463	2 003	6 486	6 329	7 047	6 530	(X)
1989	2 293	2 362	2 215	2 193	2 211	2 112	2 271	2 000	2 524	2 062	2 043	1 725	6 870	6 518	6 795	5 830	(X)
1990	2 248	2 009	2 365	1 973	2 024	2 329	2 193	2 197	2 283	2 170	2 050	2 285	6 622	6 328	6 653	6 505	(X)
1991	1 993	1 905	2 104	2 043	1 942	2 055	2 251	2 198	2 229	1 843	2 154	2 386	6 002	8 040	6 678	6 383	(X)
1992	2 232	2 113	2 260	2 118	1 873	2 030	2 183	1 865	2 184	1 703	2 086	2 207	6 605	6 021	6 232	5 996	(X)
1993	2 359	2 343	2 260	2 274	2 217	2 470	2 375	2 397	2 354	2 154	2 602	2 860	6 962	8 961	7 126	7 616	(X)
1994	2 931	2 617	2 902	2 688	2 634	2 782	2 693	2 826	2 903	2 669	2 903	2 625	8 450	8 102	8 422	8 197	(X)
1995	3 288	3 102	3 215	3 105	3 031	2 843	2 939	2 794	2 732	2 951	2 461	2 502	9 605	8 979	8 465	7 914	(X)
1996	3 078	3 271	3 029	2 938	3 224	2 925	3 221	3 122	3 044	3 124	2 933	2 844	9 378	9 087	9 387	8 901	(X)
1997	3 407	3 478	3 289	3 588	3 231	3 052	3 395	3 671	3 236	3 385	3 357	3 017	10 174	9 869	10 302	9 759	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	24.6	–6.3	–1.6	4.6	–6.3	3.9	–1.1	1.6	6.4	–2.4	2.5	–1.7	7.8	–1.8	2.4	3.3	(X)
1988	13.2	–2.6	10.3	–4.4	–6.0	1.7	12.3	1.0	–1.4	–11.6	19.3	–18.7	14.6	–2.4	11.3	–7.3	(X)
1989	14.5	3.0	–6.2	–1.0	.8	–4.5	7.5	–11.9	26.2	–18.3	–.9	–15.6	5.2	–5.2	4.3	–14.2	(X)
1990	30.3	–10.6	17.7	–16.6	2.6	15.1	–5.8	.2	3.0	–4.1	–5.5	11.5	13.6	–4.5	5.2	–2.2	(X)
1991	–12.8	–4.4	10.4	–2.9	–4.9	5.8	9.5	–2.4	1.4	–17.3	16.9	10.8	–7.7	.6	10.6	–4.4	(X)
1992	–6.5	–5.3	7.0	–6.3	–11.6	8.4	7.5	–14.6	17.1	–22.0	22.5	5.8	3.5	–8.8	3.5	–3.8	(X)
1993	6.9	–.7	–3.5	.6	–2.5	11.4	–3.8	.9	–1.8	–8.5	20.8	9.9	16.1	–	2.4	6.9	(X)
1994	2.5	–10.7	10.9	–7.4	–1.9	5.6	–3.2	4.9	2.7	–8.1	8.8	–9.6	11.0	–4.1	3.9	–2.7	(X)
1995	25.3	–5.7	3.6	–3.4	–2.4	–6.2	3.4	–4.9	–2.2	8.0	–16.6	1.7	17.2	–6.5	–5.7	–6.5	(X)
1996	23.0	6.3	–7.4	–3.0	9.7	–9.3	10.1	–3.1	–2.5	2.8	–6.1	–3.0	18.5	–3.1	3.3	–5.2	(X)
1997	19.8	2.1	–5.4	9.0	–9.9	–5.5	11.2	8.1	–11.8	4.8	–.8	–10.1	14.3	–3.0	4.4	–5.3	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
COMPUTER AND OFFICE EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	3 302	4 715	5 442	4 408	4 717	6 360	4 060	4 453	6 295	4 649	5 077	6 776	13 459	15 485	14 808	16 502	60 254
1988	4 042	5 297	6 157	4 982	5 290	7 435	4 492	5 792	6 588	4 788	5 467	7 487	15 496	17 707	16 872	17 742	87 817
1989	4 078	4 384	6 470	4 518	4 859	8 891	3 997	5 206	7 191	4 634	5 397	7 145	14 932	16 268	18 394	17 176	64 770
1990	3 987	4 852	6 519	4 691	5 023	6 568	4 652	4 340	7 609	4 702	5 045	6 414	15 358	16 282	16 601	18 161	64 402
1991	4 094	4 360	5 941	3 918	4 809	6 434	3 778	4 387	5 783	4 452	4 865	5 795	14 395	15 161	13 948	15 112	58 618
1992	3 900	4 483	6 490	4 327	4 986	7 485	4 058	5 070	6 935	4 663	5 392	7 277	14 873	16 798	16 063	17 332	85 066
1993	4 111	5 277	6 747	4 215	5 288	7 030	4 202	5 102	6 917	5 125	6 638	7 845	16 135	16 533	18 221	19 608	68 497
1994	4 653	5 383	8 181	5 658	6 391	8 624	5 420	6 114	8 702	6 794	7 122	8 553	18 217	20 673	20 236	22 469	81 595
1995	5 016	6 605	9 409	5 989	6 742	10 169	5 260	6 634	9 517	7 355	8 410	9 939	21 030	22 900	21 411	25 704	91 045
1996	5 464	7 936	10 799	6 874	7 656	11 044	6 864	8 043	10 789	8 140	8 358	11 722	24 199	25 574	25 696	28 220	103 689
1997	6 517	7 772	11 393	6 944	8 112	11 799	7 435	7 936	12 095	8 103	8 468	12 412	25 682	26 855	27 466	28 983	108 986
Seasonally Adjusted—Millions of Dollars																	
1987	4 589	4 970	4 776	5 108	5 060	5 031	5 278	4 858	5 075	5 311	5 074	5 140	14 335	15 199	15 211	15 525	(X)
1988	5 441	5 696	5 316	5 828	5 709	5 837	5 797	6 220	5 111	5 531	5 561	5 788	16 453	17 374	17 128	16 880	(X)
1989	5 477	4 858	5 538	5 373	5 231	5 192	5 268	5 637	5 657	5 327	5 532	5 550	15 873	15 796	16 562	16 409	(X)
1990	5 348	5 485	5 488	5 572	5 311	4 918	5 918	4 774	6 128	5 442	5 144	4 987	16 321	15 801	16 820	15 573	(X)
1991	5 355	4 974	4 940	4 746	4 993	4 941	4 969	4 816	4 587	5 103	4 918	4 483	15 269	14 680	14 372	14 504	(X)
1992	5 273	5 120	5 302	5 315	5 352	5 649	5 398	5 632	5 607	5 283	5 363	5 706	15 695	16 316	16 637	16 352	(X)
1993	5 539	5 937	5 339	5 197	5 694	5 343	5 579	5 738	5 555	5 757	6 556	6 058	16 815	16 234	16 872	18 371	(X)
1994	6 270	6 085	6 586	6 860	6 898	6 662	6 975	6 840	7 218	7 345	6 993	6 837	18 941	20 420	21 033	21 175	(X)
1995	6 848	7 367	7 497	7 303	7 323	7 918	7 018	7 539	7 655	8 033	8 409	7 817	21 712	22 542	22 212	24 259	(X)
1996	7 533	8 974	8 305	8 519	8 435	8 480	8 781	9 082	8 533	8 955	8 545	9 322	24 812	25 434	26 396	26 822	(X)
1997	8 936	8 760	8 644	8 729	9 020	8 822	9 571	9 036	9 549	9 173	8 908	9 604	28 340	26 571	28 156	27 685	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–7.9	8.3	–3.9	7.0	–.9	–.6	4.9	–8.0	4.5	4.7	–4.5	1.3	1.8	6.0	.1	2.1	(X)
1988	5.9	4.7	–6.7	9.6	–2.0	2.2	–.7	7.3	–17.8	8.2	.5	4.1	6.0	5.6	–1.4	–1.4	(X)
1989	–5.4	–11.3	14.0	–3.0	–2.6	–.7	1.5	7.0	.4	–5.8	3.8	.3	–6.0	–.5	4.8	–.9	(X)
1990	–3.6	2.6	.1	1.5	–4.7	–7.4	20.3	–19.3	28.4	–11.2	–5.5	–3.1	–.5	–3.2	6.4	–7.4	(X)
1991	7.4	–7.1	–.7	–3.9	5.2	–1.0	.6	–3.1	–4.8	11.2	–3.6	–8.8	–2.0	–3.9	–2.1	.9	(X)
1992	17.6	–2.9	3.6	.2	.7	5.5	–4.4	4.3	–.4	–5.8	1.5	6.4	8.2	4.0	2.0	–1.7	(X)
1993	–2.9	7.2	–10.1	–2.7	9.6	–6.2	4.4	2.8	–3.2	3.6	13.9	–7.6	2.8	–3.5	3.9	8.9	(X)
1994	3.5	–3.0	8.2	4.2	.6	–3.4	4.7	–1.9	5.5	1.8	–4.8	–2.2	3.1	7.8	3.0	.7	(X)
1995	.2	7.6	1.8	–2.6	.3	8.1	–11.3	7.4	1.5	4.9	4.7	–7.0	2.5	3.8	–1.5	9.2	(X)
1996	–3.6	19.1	–7.5	2.6	–1.0	.5	3.5	3.4	–6.0	4.9	–4.6	9.1	2.3	2.5	3.8	1.6	(X)
1997	–4.1	–2.0	–1.3	1.0	3.3	–2.2	8.5	–5.6	5.7	–3.9	–2.9	7.8	–1.8	.9	6.0	–1.7	(X)
ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	11 867	13 930	14 657	13 859	13 613	15 829	13 634	13 940	16 206	14 528	15 215	15 532	40 454	43 301	43 780	45 675	173 210
1988	14 290	15 787	17 044	14 844	15 129	16 835	14 386	15 518	17 501	16 205	15 893	15 779	47 121	46 808	47 405	47 877	189 211
1989	15 118	16 243	16 566	15 565	14 835	17 126	14 613	15 780	17 476	16 046	16 270	16 846	47 925	47 526	47 869	49 162	192 482
1990	15 127	16 802	17 049	15 686	16 420	17 451	14 541	16 419	16 957	16 684	15 583	17 029	48 978	49 557	47 917	49 296	195 748
1991	14 380	17 801	16 113	16 485	15 970	16 022	15 269	15 766	17 629	16 887	17 494	17 843	48 294	48 477	48 664	52 224	197 659
1992	15 900	17 441	17 834	17 434	17 445	18 676	16 768	17 631	20 278	19 646	19 036	19 877	51 175	53 555	54 677	58 559	217 966
1993	17 574	18 567	18 389	18 863	17 789	20 443	18 456	19 324	21 893	21 758	20 281	20 654	54 530	57 095	59 673	62 693	233 991
1994	20 151	21 039	21 313	22 667	20 668	22 511	19 468	21 424	24 091	23 442	24 517	25 095	62 503	65 846	64 983	73 054	266 386
1995	23 417	23 812	25 970	25 093	24 661	25 941	25 016	25 073	27 484	29 297	24 964	26 906	73 199	75 695	77 573	81 167	307 634
1996	24 920	24 548	26 641	26 007	24 469	27 418	25 982	25 557	27 251	33 161	27 973	25 230	76 109	77 894	78 790	86 364	319 157
1997	26 823	29 881	29 178	26 923	29 303	31 530	23 298	33 634	32 609	33 018	28 781	31 579	85 882	87 756	89 541	93 378	356 557
Seasonally Adjusted—Millions of Dollars																	
1987	12 961	13 668	13 659	14 225	13 974	14 954	14 897	14 363	15 083	14 768	15 204	15 422	40 288	43 153	44 343	45 394	(X)
1988	15 512	15 450	15 992	15 096	15 620	15 958	15 812	15 941	16 229	15 975	15 716	15 661	46 954	46 674	47 982	47 352	(X)
1989	16 346	15 875	15 646	15 929	15 341	16 308	16 150	16 084	16 233	15 782	16 056	16 774	47 867	47 578	48 467	48 612	(X)
1990	16 235	16 381	16 293	15 897	16 948	16 827	16 090	16 766	15 766	16 295	15 300	16 898	48 909	49 672	48 622	48 493	(X)
1991	15 383	17 459	15 599	16 509	16 520	15 543	16 790	16 143	16 468	16 235	17 194	17 608	48 441	48 572	49 401	51 037	(X)
1992	16 951	17 159	17 483	17 324	18 090	18 258	18 373	18 084	19 217	18 554	19 022	19 373	51 593	53 672	55 674	56 949	(X)
1993	18 481	18 493	18 202	18 624	18 593	19 910	19 954	19 838	20 793	20 282	20 289	19 935	55 176	57 127	60 585	60 506	(X)
1994	21 262	21 273	21 132	22 587	21 636	21 803	21 109	21 939	22 911	21 652	24 491	24 321	63 667	66 026	65 959	70 464	(X)
1995	24 632	24 370	25 834	25 099	25 745	25 125	26 511	25 637	26 416	26 494	25 272	26 030	74 836	75 969	78 564	77 796	(X)
1996	25 968	25 401	26 594	26 221	25 506	26 315	27 701	26 122	26 104	30 268	28 414	23 912	77 963	78 042	79 927	82 594	(X)
1997	28 241	30 792	29 140	27 419	30 276	30 269	25 247	34 068	31 118	29 718	29 227	30 258	88 173	87 964	90 433	89 203	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–10.0	5.5	–.1	4.1	–1.8	7.0	–.4	–3.6	5.0	–2.1	3.0	1.4	–2.5	7.1	2.8	2.4	(X)
1988	.6	–.4	3.5	–5.6	3.5	2.2	–.9	.8	1.8	–1.6	–1.6	–.3	3.4	–.6	2.8	–1.3	(X)
1989	4.4	–2.9	–1.4	1.8	–3.7	6.3	–1.0	–.4	.9	–2.8	1.7	4.5	1.1	–.6	1.9	.3	(X)
1990	–3.2	.9	–.5	–2.4	6.6	–.7	–4.4	4.2	–6.0	3.4	–6.1	10.4	.6	1.6	–2.1	–.3	(X)
1991	–9.0	13.5	–10.7	5.8	.1	–5.9	8.0	–3.9	2.0	–1.4	5.9	2.4	–.1	.3	1.7	3.3	(X)
1992	–3.7	1.2	1.9	–.9	4.4	.9	.6	–1.6	6.3	–3.5	2.5	1.8	1.1	4.0	3.7	2.3	(X)
1993	–4.6	.1	–1.6	2.3	–.2	7.1	.2	–.6	4.8	–2.5	–	–1.7	–3.1	3.5	6.1	–.1	(X)
1994	6.7	.1	–.7	6.9	–4.2	.8	–3.2	3.9	4.4	–5.5	13.1	–.7	5.2	3.7	–.1	6.8	(X)
1995	1.3	–1.1	6.0	–2.8	2.6	–2.4	5.5	–3.3	3.0	.3	–4.6	3.0	6.2	1.5	3.4	–1.0	(X)
1996	–.2	–2.2	4.7	–1.4	–2.7	3.2	5.3	–5.7	–.1	16.0	–6.1	–15.8	.2	.1	2.4	3.3	(X)
1997	18.1	9.0	–5.4	–5.9	10.4	–	–16.6	34.9	–8.7	–4.5	–1.7	3.5	6.8	–.2	2.8	–1.4	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
ELECTRICAL TRANSMISSION AND DISTRIBUTION EQUIPMENT AND INDUSTRIAL APPARATUS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 655	2 018	2 105	1 880	1 787	2 041	1 743	1 925	2 337	1 994	1 971	1 881	5 778	5 708	6 005	5 846	23 337
1988	1 947	2 196	2 378	2 115	2 131	2 281	2 050	2 278	2 419	2 451	2 241	2 199	6 521	6 527	6 747	6 891	26 686
1989	2 473	2 484	2 508	2 321	2 190	2 381	1 924	2 029	2 431	2 091	2 154	2 133	7 465	6 892	6 384	6 378	27 119
1990	2 375	2 462	2 326	2 346	2 254	2 339	2 157	2 349	2 596	2 502	1 878	2 190	7 163	6 939	7 102	6 570	27 774
1991	2 184	2 330	2 309	2 210	2 136	2 259	2 169	2 114	2 318	2 208	1 986	2 244	6 823	6 605	6 601	6 438	26 467
1992	2 291	2 272	2 438	2 429	2 347	2 532	2 133	2 381	2 553	2 578	2 423	2 360	7 001	7 308	7 067	7 361	28 737
1993	2 449	2 720	2 754	2 724	2 550	2 768	2 335	2 698	2 987	2 640	2 668	2 602	7 923	8 042	8 020	7 910	31 895
1994	2 651	3 015	2 976	2 794	2 721	2 993	2 502	2 706	2 953	2 912	2 655	2 676	8 642	8 508	8 161	8 243	33 554
1995	2 945	3 328	3 394	3 070	3 102	3 455	2 890	3 268	3 352	3 253	2 989	3 079	9 667	9 627	9 510	9 321	38 125
1996	2 793	3 350	3 446	3 134	3 169	3 631	3 380	3 190	3 624	3 363	3 559	2 989	9 589	9 934	10 194	9 911	39 628
1997	3 176	3 583	3 668	3 471	3 253	3 586	3 171	3 233	3 984	3 148	3 399	3 579	10 427	10 310	10 388	10 126	41 251
Seasonally Adjusted—Millions of Dollars																	
1987	1 700	1 949	1 902	1 904	1 884	1 959	1 967	1 949	2 124	1 932	2 089	1 979	5 551	5 747	6 040	6 000	(X)
1988	1 998	2 112	2 189	2 122	2 225	2 193	2 280	2 325	2 190	2 383	2 381	2 331	6 299	6 540	6 795	7 095	(X)
1989	2 502	2 369	2 337	2 307	2 276	2 310	2 149	2 080	2 223	2 033	2 286	2 268	7 208	6 893	6 452	6 587	(X)
1990	2 396	2 343	2 172	2 315	2 318	2 253	2 393	2 395	2 400	2 458	2 013	2 327	6 911	6 886	7 188	6 798	(X)
1991	2 173	2 215	2 183	2 160	2 190	2 186	2 382	2 146	2 142	2 177	2 116	2 378	6 571	8 536	6 670	6 671	(X)
1992	2 303	2 153	2 295	2 372	2 395	2 429	2 381	2 416	2 368	2 580	2 579	2 475	6 751	7 196	7 165	7 634	(X)
1993	2 499	2 577	2 582	2 674	2 597	2 628	2 600	2 744	2 808	2 658	2 821	2 735	7 658	7 899	8 152	8 214	(X)
1994	2 723	2 840	2 769	2 766	2 783	2 807	2 791	2 768	2 751	2 951	2 794	2 799	8 332	8 356	8 310	8 544	(X)
1995	3 081	3 133	3 136	3 066	3 171	3 199	3 212	3 356	3 082	3 304	3 124	3 208	9 350	9 436	9 650	9 636	(X)
1996	2 976	3 158	3 184	3 139	3 245	3 351	3 706	3 285	3 353	3 410	3 707	3 098	9 318	9 735	10 344	10 215	(X)
1997	3 390	3 365	3 380	3 486	3 338	3 318	3 513	3 332	3 698	3 183	3 534	3 688	10 135	10 142	10 543	10 405	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–15.5	14.6	–2.4	.1	–1.1	4.0	.4	–.9	9.0	–9.0	8.1	–5.3	–4.2	3.5	5.1	–.7	(X)
1988	1.0	5.7	3.6	–3.1	4.9	–1.4	4.0	2.0	–5.8	8.8	–.1	–2.1	5.0	3.8	3.9	4.4	(X)
1989	7.3	–5.3	–1.4	–1.3	–1.3	1.5	–7.0	–3.2	6.9	–8.5	12.4	–.8	1.6	–4.4	–6.4	2.1	(X)
1990	5.6	–2.2	–7.3	6.6	.1	–2.8	6.2	.1	.2	2.4	–18.1	15.6	4.9	–.4	4.4	–5.4	(X)
1991	–6.6	1.9	–1.4	–1.1	1.4	–.2	9.0	–9.9	–.2	1.6	–2.8	12.4	–3.3	–.5	2.1	–	(X)
1992	–3.2	–6.5	6.6	3.4	1.0	1.4	–2.0	1.5	–2.0	9.0	–	–4.0	1.2	6.6	–.4	6.5	(X)
1993	1.0	3.1	.2	3.6	–2.9	1.2	–1.1	5.5	2.3	–5.3	6.1	–3.0	.3	3.1	3.2	.8	(X)
1994	–.4	4.3	–2.5	–.1	.6	.9	–.6	–.8	–.6	7.3	–5.3	.2	1.4	.3	–.6	2.8	(X)
1995	10.1	1.7	.1	–2.2	3.4	.9	.4	4.5	–8.2	7.2	–5.4	2.7	9.4	.9	2.3	–.1	(X)
1996	–7.2	6.1	.8	–1.4	3.4	3.3	10.6	–11.4	2.1	1.7	8.7	–16.4	–3.3	4.5	6.3	–1.2	(X)
1997	9.4	–.7	.4	3.1	–4.2	–.6	5.9	–5.2	11.0	–13.9	11.0	4.4	–.8	.1	4.0	–1.3	(X)
ELECTRIC LIGHTING AND WIRING EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 291	1 504	1 379	1 424	1 403	1 587	1 332	1 499	1 713	1 665	1 696	1 627	4 174	4 414	4 544	4 988	18 120
1988	1 502	1 588	1 694	1 500	1 599	1 720	1 421	1 613	1 727	1 751	1 740	1 619	4 784	4 819	4 761	5 110	19 474
1989	1 730	1 709	1 651	1 605	1 643	1 713	1 417	1 792	1 704	1 706	1 705	1 715	5 090	4 961	4 913	5 126	20 090
1990	1 375	1 783	1 802	1 487	1 685	1 813	1 474	1 584	1 770	1 571	1 626	1 692	4 960	4 985	4 828	4 889	19 662
1991	1 518	1 608	1 434	1 366	1 522	1 504	1 597	1 452	1 609	1 512	1 593	1 706	4 560	4 392	4 658	4 811	18 421
1992	1 380	1 619	1 644	1 653	1 632	1 714	1 381	1 650	1 751	1 717	1 843	1 893	4 643	4 999	4 782	5 453	19 877
1993	1 574	1 814	1 813	1 668	1 768	1 837	1 506	1 642	1 733	1 753	1 947	1 721	5 201	5 273	4 881	5 421	20 776
1994	1 618	1 858	1 913	1 823	1 886	2 022	1 654	1 907	2 149	2 079	1 988	2 036	5 389	5 731	5 710	6 103	22 933
1995	1 905	2 138	2 119	1 856	1 914	1 899	1 633	2 057	1 993	1 888	1 953	2 129	6 162	5 669	5 683	5 970	23 484
1996	1 885	2 113	2 195	1 956	2 017	2 154	1 884	2 139	2 217	2 113	2 170	2 327	6 193	6 127	6 240	6 610	25 170
1997	1 983	2 158	2 168	2 236	2 134	2 177	2 028	2 265	2 384	2 393	2 295	2 417	6 309	6 547	6 677	7 105	26 638
Seasonally Adjusted—Millions of Dollars																	
1987	1 455	1 489	1 362	1 518	1 475	1 490	1 504	1 532	1 576	1 547	1 583	1 585	4 306	4 483	4 812	4 715	(X)
1988	1 682	1 565	1 665	1 595	1 660	1 612	1 620	1 646	1 591	1 675	1 629	1 557	4 912	4 867	4 857	4 861	(X)
1989	1 930	1 681	1 607	1 698	1 682	1 608	1 621	1 824	1 570	1 673	1 596	1 629	5 218	4 988	5 015	4 898	(X)
1990	1 549	1 749	1 738	1 575	1 708	1 712	1 695	1 612	1 639	1 559	1 526	1 597	5 036	4 995	4 948	4 682	(X)
1991	1 706	1 574	1 364	1 448	1 535	1 415	1 815	1 471	1 489	1 503	1 496	1 621	4 644	4 398	4 775	4 620	(X)
1992	1 577	1 578	1 550	1 737	1 644	1 613	1 630	1 671	1 618	1 704	1 739	1 816	4 705	4 994	4 919	5 259	(X)
1993	1 783	1 765	1 695	1 750	1 780	1 735	1 773	1 662	1 599	1 738	1 845	1 666	5 243	5 265	5 034	5 249	(X)
1994	1 821	1 800	1 785	1 902	1 900	1 920	1 964	1 930	1 990	2 072	1 877	1 979	5 406	5 722	5 884	5 928	(X)
1995	2 121	2 068	1 970	1 933	1 929	1 805	1 949	2 081	1 822	1 892	1 846	2 065	6 159	5 667	5 852	5 803	(X)
1996	2 100	2 040	2 042	2 032	2 031	2 066	2 222	2 163	2 022	2 130	2 057	2 242	6 182	6 129	6 407	6 429	(X)
1997	2 220	2 084	2 011	2 319	2 147	2 096	2 386	2 288	2 158	2 414	2 178	2 312	6 315	6 562	6 832	6 904	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	5.1	2.3	–8.5	11.5	–2.8	1.0	.9	1.9	2.9	–1.8	2.3	.1	.7	4.1	2.9	2.2	(X)
1988	6.1	–7.0	6.4	–4.2	4.1	–2.9	.5	1.6	–3.3	5.3	–2.7	–4.4	4.2	–.9	–.2	.1	(X)
1989	24.0	–12.9	–4.4	5.7	–.9	–4.4	.8	12.5	–13.9	6.6	–4.6	2.1	7.3	–4.4	.5	–2.3	(X)
1990	–4.9	12.9	–.8	–9.4	8.4	.2	–1.0	–4.9	1.7	–4.9	–2.1	4.7	2.8	–.8	–1.0	–5.3	(X)
1991	6.8	–7.7	–13.3	6.2	6.0	–7.8	28.3	–19.0	1.2	.9	–.5	8.4	–.8	–5.3	8.8	–3.2	(X)
1992	–2.7	.1	–1.8	12.1	–5.4	–1.9	1.1	2.5	–3.2	5.3	2.1	4.4	1.8	6.1	–1.5	6.9	(X)
1993	–1.8	–1.0	–4.0	3.2	1.7	–2.5	2.2	–6.3	–3.8	8.7	6.2	–9.7	–.3	.4	–4.4	4.3	(X)
1994	9.3	–1.2	–.8	6.6	–.1	1.1	2.3	–1.7	3.1	4.1	–9.4	5.4	3.0	5.8	2.8	.7	(X)
1995	7.2	–2.5	–4.7	–1.9	–.2	–6.4	8.0	6.8	–12.4	3.8	–2.4	11.9	3.9	–8.0	3.3	–.8	(X)
1996	1.7	–2.9	.1	–.5	–	1.7	7.6	–2.7	–6.5	5.3	–3.4	9.0	6.5	–.9	4.5	.3	(X)
1997	–1.0	–6.1	–3.5	15.3	–7.4	–2.4	13.8	–4.1	–5.7	11.9	–9.8	6.2	–1.8	3.9	4.1	1.1	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
COMMUNICATION EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	2 502	2 473	2 774	2 610	2 294	3 638	2 557	2 250	3 275	2 702	2 923	3 841	7 749	8 542	8 082	9 466	33 839
1988	2 651	2 874	3 597	2 761	2 815	3 354	2 599	3 159	3 478	3 058	3 160	3 523	9 122	8 930	9 236	9 741	37 029
1989	2 343	2 548	2 806	2 278	2 347	3 112	2 796	2 413	3 229	2 315	2 774	3 926	7 897	7 735	8 438	9 015	32 885
1990	2 581	3 186	3 215	3 028	3 067	4 115	2 732	3 070	3 358	3 222	2 670	4 736	8 982	10 210	9 158	10 628	38 978
1991	2 267	3 284	2 774	2 637	2 642	3 215	2 434	2 479	3 341	2 849	2 906	4 138	8 325	8 494	8 254	9 891	34 964
1992	2 794	3 101	3 885	2 881	3 323	3 912	3 512	3 254	4 443	3 770	3 455	4 985	9 780	10 118	11 209	12 210	43 315
1993	2 716	3 071	3 496	3 376	3 481	4 610	3 220	3 658	5 206	4 010	3 948	5 438	9 283	11 467	12 084	13 396	46 230
1994	3 011	3 953	4 405	4 129	3 509	4 495	3 505	3 838	5 421	3 932	4 749	6 664	11 389	12 133	12 584	15 345	51 411
1995	4 034	3 938	5 673	4 274	4 707	5 490	3 910	3 871	6 490	4 890	4 905	8 845	13 645	14 471	14 271	16 840	59 027
1996	4 426	4 994	6 493	4 866	4 501	6 327	5 140	4 648	5 951	8 835	6 322	6 728	15 913	15 694	15 739	19 883	67 229
1997	4 358	6 479	7 275	5 349	6 244	8 423	5 281	6 230	8 056	6 177	6 296	9 105	18 112	20 018	19 567	21 578	79 273
Seasonally Adjusted—Millions of Dollars																	
1987	2 957	2 514	2 437	2 789	2 434	3 409	2 942	2 397	2 942	2 838	2 852	3 238	7 908	8 632	8 281	8 928	(X)
1988	3 144	2 946	3 284	2 937	2 984	3 068	2 971	3 309	3 097	3 236	3 065	2 898	9 374	8 989	9 377	9 199	(X)
1989	2 811	2 634	2 544	2 481	2 526	2 803	3 136	2 566	2 833	2 509	2 675	3 361	7 989	7 810	8 535	8 545	(X)
1990	3 026	3 287	2 978	3 252	3 249	3 765	3 143	3 283	2 913	3 434	2 586	4 123	9 291	10 268	9 339	10 143	(X)
1991	2 723	3 397	2 549	2 833	2 828	2 852	2 839	2 737	2 901	3 030	2 838	3 345	8 669	8 513	8 477	9 213	(X)
1992	3 335	3 238	3 654	3 073	3 511	3 481	4 053	3 545	3 984	3 964	3 455	3 885	10 227	10 065	11 582	11 304	(X)
1993	3 323	3 279	3 227	3 596	3 722	4 114	3 738	3 992	4 755	4 188	3 973	3 995	9 829	11 432	12 485	12 156	(X)
1994	3 806	4 269	4 065	4 459	3 807	3 900	4 140	4 032	4 858	4 145	4 776	4 969	12 140	12 166	13 030	13 890	(X)
1995	5 048	4 342	5 260	4 702	5 054	4 777	4 599	4 281	5 870	5 115	4 934	4 677	14 650	14 533	14 750	14 726	(X)
1996	5 637	5 466	5 970	5 438	4 906	5 453	5 984	5 110	5 190	7 092	6 341	4 121	17 073	15 797	16 284	17 554	(X)
1997	5 780	7 010	6 630	6 096	6 726	7 418	6 256	6 763	7 145	6 467	6 323	6 225	19 420	20 240	20 164	19 015	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	2.8	−15.0	−3.1	14.4	−12.7	40.1	−13.7	−18.5	22.7	−3.5	.5	13.5	−4.0	9.2	−4.1	7.8	(X)
1988	−2.9	−6.3	11.5	−10.6	1.6	2.8	−3.2	11.4	−6.4	4.5	−5.3	−5.4	5.0	−4.1	4.3	−1.9	(X)
1989	−3.0	−6.3	−3.4	−2.5	1.8	11.0	11.9	−18.2	10.4	−11.4	6.6	25.6	−13.2	−2.2	9.3	.1	(X)
1990	−10.0	8.6	−9.4	9.2	−.1	15.9	−16.5	4.5	−11.3	17.9	−24.7	59.4	8.7	10.5	−9.0	8.6	(X)
1991	−34.0	24.8	−25.0	11.1	−.2	.8	−.5	−3.6	6.0	4.4	−6.3	17.9	−14.5	−1.8	−.4	8.7	(X)
1992	−.3	−2.9	12.8	−15.9	14.3	−.9	16.4	−12.5	12.4	−.5	−12.8	12.4	11.0	−1.6	15.1	−2.4	(X)
1993	−14.5	−1.3	−1.6	11.4	3.5	10.5	−9.1	6.8	19.1	−11.9	−5.1	.6	−13.0	16.3	9.2	−2.6	(X)
1994	−4.7	12.2	−4.8	9.7	−14.6	2.4	6.2	−2.6	20.5	−14.7	15.2	4.0	−.1	.2	7.1	6.6	(X)
1995	1.6	−14.0	21.1	−10.6	7.5	−5.5	−3.7	−6.9	37.1	−12.9	−3.5	−5.2	5.5	−.8	1.5	−.2	(X)
1996	20.5	−3.0	9.2	−8.9	−9.8	11.1	9.7	−14.6	1.6	36.6	−10.6	−35.0	15.9	−7.5	3.1	7.8	(X)
1997	40.3	21.3	−5.4	−8.1	10.3	10.3	−15.7	8.1	5.6	−9.5	−2.2	−1.5	10.6	4.2	−.4	−5.7	(X)
ELECTRONIC COMPONENTS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	2 939	4 145	4 701	4 386	4 375	4 511	4 533	4 384	4 645	4 650	4 782	4 653	11 785	13 272	13 562	14 085	52 704
1988	4 471	5 327	5 391	4 963	4 774	5 173	4 623	4 155	5 014	4 281	4 317	4 633	15 189	14 910	13 792	13 231	57 122
1989	4 563	5 299	5 289	5 547	4 665	5 473	4 675	5 014	5 509	5 192	5 129	5 081	15 151	15 685	15 198	15 402	61 436
1990	4 965	5 331	5 642	5 358	5 565	4 872	4 528	5 346	4 881	5 135	5 207	4 906	15 938	15 795	14 755	15 248	61 736
1991	4 744	6 535	5 689	6 603	5 714	4 881	5 288	5 474	5 761	5 573	6 456	5 971	16 968	17 198	16 523	18 000	68 689
1992	5 908	6 474	5 631	6 412	6 151	6 192	5 801	6 045	6 719	6 506	6 705	8 671	18 013	18 755	18 565	19 882	75 215
1993	6 816	6 662	5 930	7 025	5 877	6 539	7 020	6 619	6 690	7 707	6 236	6 701	19 408	19 441	20 329	20 644	79 822
1994	8 359	7 457	7 469	9 222	7 775	7 519	7 435	7 940	8 082	8 753	9 149	8 750	23 285	24 516	23 457	26 652	97 910
1995	10 051	9 973	9 732	11 180	9 955	9 640	12 132	10 172	9 974	13 187	9 626	10 058	29 756	30 775	32 278	32 871	125 680
1996	10 857	9 174	9 688	11 336	9 533	10 000	11 231	10 182	10 139	15 189	10 350	8 451	29 719	30 869	31 552	33 990	126 130
1997	12 080	12 634	10 932	10 868	12 761	11 683	8 462	16 347	12 059	15 148	11 322	11 378	35 646	35 312	36 868	37 848	145 674
Seasonally Adjusted—Millions of Dollars																	
1987	3 151	3 862	4 261	4 140	4 312	4 352	4 743	4 710	4 660	4 834	4 951	4 801	11 274	12 804	14 113	14 586	(X)
1988	4 735	4 966	4 887	4 607	4 747	5 065	4 939	4 473	5 012	4 430	4 443	4 778	14 588	14 419	14 424	13 651	(X)
1989	4 798	4 943	4 875	5 183	4 657	5 407	5 081	5 222	5 467	5 299	5 234	5 245	14 616	15 247	15 770	15 778	(X)
1990	5 094	4 952	5 384	4 906	5 574	4 972	4 920	5 535	4 892	5 126	5 310	5 066	15 430	15 452	15 347	15 502	(X)
1991	4 709	6 177	5 605	6 043	5 770	5 100	5 661	5 661	5 819	5 406	6 618	6 166	16 491	16 913	17 141	18 190	(X)
1992	5 750	6 102	5 728	5 736	6 296	6 559	6 013	6 280	6 895	5 892	7 105	6 887	17 580	18 591	19 188	19 884	(X)
1993	6 411	6 416	6 221	6 220	6 155	6 932	7 074	6 882	6 867	6 785	6 683	6 978	19 048	19 307	20 823	20 446	(X)
1994	7 984	7 409	7 822	8 406	8 154	7 938	7 331	8 194	8 305	7 509	9 617	9 170	23 215	24 498	23 830	26 296	(X)
1995	9 594	10 127	10 245	10 279	10 411	10 135	11 747	10 465	10 486	10 955	10 412	10 895	29 966	30 825	32 698	32 262	(X)
1996	9 996	9 573	10 384	10 526	9 947	10 460	10 778	10 421	10 673	12 700	11 158	9 368	29 953	30 933	31 872	33 226	(X)
1997	11 222	13 071	11 809	10 193	13 037	12 109	8 063	16 420	12 533	12 258	12 153	12 539	36 102	35 339	37 016	36 950	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−27.7	22.6	10.3	−2.8	4.2	.9	9.0	−.7	−1.1	3.7	2.4	−3.0	2.0	13.6	10.2	3.4	(X)
1988	−1.4	4.9	−1.6	−5.7	3.0	6.7	−2.5	−9.4	12.1	−11.6	.3	7.5	–	−1.2	–	−5.4	(X)
1989	.4	3.0	−1.4	6.3	−10.1	16.1	−6.0	2.8	4.7	−3.1	−1.2	.2	7.1	4.3	3.4	.1	(X)
1990	−2.9	−2.8	8.7	−8.9	13.6	−10.8	−1.0	12.5	−11.6	4.8	3.6	−4.6	−2.2	.1	−.7	1.0	(X)
1991	−7.0	31.2	−9.3	7.8	−4.5	−11.6	11.0	–	2.8	−7.1	22.4	−6.8	6.4	2.6	1.3	6.1	(X)
1992	−6.7	6.1	−6.1	.1	9.8	4.2	−8.3	4.4	9.8	−14.5	20.6	−3.1	−3.4	5.8	3.2	3.6	(X)
1993	−6.9	.1	−3.0	–	−1.0	12.6	2.0	−2.7	−.2	−1.2	−1.5	4.4	−4.2	1.4	7.9	−1.8	(X)
1994	14.4	−7.2	5.6	7.5	−3.0	−2.6	−7.6	11.8	1.4	−9.6	28.1	−4.6	13.5	5.5	−2.7	10.3	(X)
1995	4.6	5.6	1.2	.3	1.3	−2.7	15.9	−10.9	.2	4.5	−5.0	4.6	14.0	2.9	6.1	−1.3	(X)
1996	−8.3	−4.2	8.5	1.4	−5.5	5.2	3.0	−3.3	2.4	19.0	−12.1	−16.0	−7.2	3.3	3.0	4.2	(X)
1997	19.8	16.5	−9.7	−13.7	27.9	−7.1	−33.4	103.6	−23.7	−2.2	−.9	3.2	8.7	−2.1	4.7	−.2	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	TRANSPORTATION EQUIPMENT, TOTAL—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	26 341	30 149	33 356	29 832	30 439	29 762	24 856	23 818	27 395	30 063	31 016	31 197	89 846	90 033	76 069	92 276	348 224
1988	30 301	32 606	32 848	32 432	28 417	34 154	25 263	29 323	33 616	36 658	33 346	40 671	95 755	95 003	88 202	110 675	389 635
1989	34 241	34 704	39 766	36 955	31 708	33 076	28 638	29 600	33 488	32 632	37 559	39 067	108 711	101 739	91 726	109 258	411 434
1990	25 032	32 031	41 013	32 569	34 898	35 367	26 555	31 075	35 098	38 666	28 900	34 533	98 076	102 834	92 728	102 099	395 737
1991	26 610	30 166	30 385	27 427	29 412	30 258	29 926	30 950	31 094	34 484	34 534	28 120	87 161	87 097	91 970	97 138	363 366
1992	26 159	30 602	36 217	35 354	33 613	35 229	21 640	27 761	30 146	35 666	29 855	34 905	92 978	104 196	79 547	100 426	377 147
1993	27 453	35 840	36 090	33 436	32 234	37 834	20 939	29 014	30 565	34 920	34 234	34 084	99 383	103 504	80 518	103 238	386 643
1994	36 402	36 779	39 342	35 718	36 796	40 087	23 095	35 566	38 437	37 809	38 688	42 098	112 523	112 601	97 098	118 595	440 817
1995	35 310	42 276	44 089	36 740	38 617	38 676	23 256	36 764	44 201	40 614	40 101	45 195	121 675	114 033	104 221	125 910	465 839
1996	41 119	40 402	47 526	38 675	43 484	44 851	28 659	36 194	46 098	42 698	42 767	42 766	129 047	127 010	110 951	128 231	495 239
1997	39 731	42 621	43 223	40 920	39 022	44 864	28 993	41 026	43 187	46 652	54 127	43 301	125 575	124 806	113 206	144 080	507 667
	Seasonally Adjusted—Millions of Dollars																
1987	27 238	28 128	30 492	29 182	31 189	29 146	30 718	27 398	26 022	28 603	29 351	29 612	85 858	89 517	84 138	87 566	(X)
1988	31 851	30 881	30 004	31 924	28 620	33 323	32 287	32 515	31 812	34 826	31 679	40 185	92 736	93 867	96 614	106 690	(X)
1989	36 559	33 322	36 596	36 144	31 378	31 748	35 513	32 047	31 598	30 552	36 064	38 807	106 477	99 270	99 158	105 423	(X)
1990	27 799	31 464	37 649	31 940	34 154	33 285	34 545	32 921	33 441	35 932	27 888	33 162	96 912	99 379	100 907	96 982	(X)
1991	30 160	30 048	27 295	26 736	28 857	27 723	38 304	32 770	29 678	31 613	33 805	27 784	87 503	83 316	100 752	93 202	(X)
1992	29 972	30 245	32 296	34 314	32 753	31 985	30 469	29 586	29 030	33 247	29 378	34 242	92 513	99 052	89 085	96 867	(X)
1993	31 172	34 846	32 139	32 156	31 261	34 308	30 215	30 820	29 474	32 716	33 827	33 814	98 157	97 725	90 509	100 357	(X)
1994	39 534	35 002	35 243	34 050	35 593	36 677	34 498	36 990	37 290	36 039	38 159	42 077	109 779	106 320	108 778	116 275	(X)
1995	38 099	40 031	39 890	35 059	37 768	35 462	34 510	38 015	42 940	38 782	39 512	44 929	118 020	108 289	115 465	123 223	(X)
1996	43 577	38 151	43 753	36 960	42 770	41 891	40 788	37 359	44 565	41 009	42 246	41 869	125 481	121 621	122 712	125 124	(X)
1997	42 548	40 362	39 289	39 251	38 590	41 800	41 606	42 280	41 445	44 351	53 485	42 964	122 199	119 641	125 331	140 800	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–6.9	3.3	8.4	–4.3	6.9	–6.6	5.4	–10.8	–5.0	9.9	2.6	.9	2.0	4.3	–6.0	4.1	(X)
1988	7.6	–3.0	–2.8	6.4	–10.3	16.4	–3.1	.7	–2.2	9.5	–9.0	26.9	5.9	1.2	2.9	10.4	(X)
1989	–9.0	–8.9	9.8	–1.2	–13.2	1.2	11.9	–9.8	–1.4	–3.3	18.0	7.6	–.2	–6.8	–.1	6.3	(X)
1990	–28.4	13.2	19.7	–15.2	6.9	–2.5	3.8	–4.7	1.6	7.4	–22.4	18.9	–8.1	2.5	1.5	–3.9	(X)
1991	–9.1	–.4	–9.2	–2.0	7.9	–3.9	38.2	–14.4	–9.4	6.5	6.9	–17.8	–9.8	–4.8	20.9	–7.5	(X)
1992	7.9	.9	6.8	6.2	–4.5	–2.3	–4.7	–2.9	–1.9	14.5	–11.6	16.6	–.7	7.1	–10.1	8.7	(X)
1993	–9.0	11.8	–7.8	.1	–2.8	9.7	–11.9	2.0	–4.4	11.0	3.4	–	1.3	–.4	–7.4	10.9	(X)
1994	16.9	–11.5	.7	–3.4	4.5	3.0	–5.9	7.2	.8	–3.4	5.9	10.3	9.4	–3.2	2.3	6.9	(X)
1995	–9.5	5.1	–.4	–12.1	7.7	–6.1	–2.7	10.2	13.0	–9.7	1.9	13.7	1.5	–8.2	6.6	6.7	(X)
1996	–3.0	–12.5	14.7	–15.5	15.7	–2.1	–2.6	–8.4	19.3	–8.0	3.0	–.9	1.8	–3.1	.9	2.0	(X)
1997	1.6	–5.1	–2.7	–.1	–1.7	8.3	–.5	1.6	–2.0	7.0	20.6	–19.7	–2.3	–2.1	4.8	12.3	(X)
	AIRCRAFT, MISSILES, SPACE VEHICLES, AND PARTS—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	7 855	7 988	10 387	8 810	8 890	8 275	10 956	8 121	8 560	9 607	9 962	15 424	26 230	25 975	27 637	34 993	114 835
1988	11 405	11 524	10 535	10 564	6 893	12 069	9 674	11 072	12 269	11 828	11 482	18 128	33 464	29 526	33 015	41 438	137 443
1989	12 100	9 782	16 788	13 404	8 599	11 050	15 357	9 406	11 984	10 266	15 534	19 160	38 670	33 053	36 747	44 960	153 430
1990	10 520	9 518	17 711	10 067	10 711	11 500	11 154	8 790	14 532	14 612	11 088	20 126	37 749	32 278	34 476	45 826	150 329
1991	9 652	12 871	13 882	7 980	6 826	10 139	15 012	10 162	9 382	10 268	13 710	12 761	36 405	24 945	34 556	36 739	132 645
1992	7 863	8 050	13 104	10 689	8 599	11 303	6 155	6 396	8 900	10 129	6 558	13 084	29 017	30 591	21 451	29 771	110 830
1993	4 270	9 368	9 336	7 604	6 430	11 364	4 648	6 688	5 012	6 219	7 965	9 166	22 974	25 398	16 348	23 350	88 070
1994	10 706	6 589	8 237	5 892	6 618	9 387	3 990	5 844	7 492	6 447	8 634	10 381	25 532	21 897	17 326	25 462	90 217
1995	5 417	8 735	10 322	6 112	7 760	6 824	5 537	7 378	12 040	8 465	9 719	17 753	24 474	20 696	24 955	35 937	106 062
1996	11 818	7 763	18 569	6 640	10 400	10 444	7 935	5 620	13 025	11 092	11 219	15 163	38 150	27 484	26 580	37 474	129 688
1997	9 674	8 934	10 628	8 181	7 101	11 824	6 665	9 379	8 908	9 740	20 729	12 388	29 236	27 106	24 952	42 857	124 151
	Seasonally Adjusted—Millions of Dollars																
1987	8 504	8 172	9 226	9 444	10 937	8 722	12 392	9 678	7 453	9 814	8 767	11 644	25 902	29 103	29 523	30 225	(X)
1988	12 435	11 593	9 294	11 427	8 671	12 370	11 087	12 665	10 890	12 159	10 377	14 784	33 322	32 468	34 642	37 320	(X)
1989	13 374	9 927	15 255	14 230	10 170	10 920	16 944	10 993	10 526	10 446	14 515	15 704	38 556	35 320	38 463	40 665	(X)
1990	12 253	9 885	16 072	10 889	12 271	10 844	13 092	10 259	13 301	14 700	10 358	16 146	38 210	34 004	36 652	41 204	(X)
1991	11 675	13 500	12 055	8 635	8 418	8 960	17 194	11 541	8 430	10 465	13 283	9 287	37 230	26 013	37 165	33 035	(X)
1992	9 914	8 909	10 969	11 234	10 033	9 834	8 226	7 569	8 301	10 490	6 299	8 984	29 792	31 101	24 096	25 773	(X)
1993	6 069	10 259	7 370	8 073	7 791	9 840	6 406	7 887	4 590	6 549	7 886	5 715	23 698	25 704	18 883	20 150	(X)
1994	12 041	7 395	6 286	6 174	7 829	8 234	5 617	6 934	7 203	6 872	8 666	6 983	25 722	22 237	19 754	22 521	(X)
1995	6 456	9 606	8 534	6 373	8 986	5 692	7 116	8 564	11 748	8 962	9 732	14 117	24 596	21 051	27 428	32 811	(X)
1996	12 550	8 597	16 791	6 919	11 705	9 549	9 514	6 909	12 659	11 792	11 322	10 904	37 938	28 173	29 082	34 018	(X)
1997	10 530	9 845	8 812	8 494	8 494	10 703	8 457	10 746	8 479	10 429	20 719	8 043	29 187	27 691	27 682	39 191	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–12.0	–3.9	12.9	2.4	15.8	–20.3	42.1	–21.9	–23.0	31.7	–10.7	32.8	–12.1	12.4	1.4	2.4	(X)
1988	6.8	–6.8	–19.8	23.0	–24.1	42.7	–10.4	14.2	–14.0	11.7	–14.7	42.5	10.2	–2.6	6.7	7.7	(X)
1989	–9.5	–25.8	53.7	–6.7	–28.5	7.4	55.2	–35.1	–4.2	–.8	39.0	8.2	3.3	–8.4	8.9	5.7	(X)
1990	–22.0	–19.3	62.6	–32.2	12.7	–11.6	20.7	–21.6	29.7	10.5	–29.5	55.9	–6.0	–11.0	7.8	12.4	(X)
1991	–27.7	15.6	–10.7	–28.4	–2.5	6.4	91.9	–32.9	–27.0	24.1	26.9	–30.1	–9.6	–30.1	42.9	–11.1	(X)
1992	6.8	–10.1	23.1	2.4	–10.7	–2.0	–16.4	–8.0	9.7	26.4	–40.0	42.6	–9.8	4.4	–22.5	7.0	(X)
1993	–32.4	69.0	–28.2	9.5	–3.5	26.3	–34.9	23.1	–41.8	42.7	20.4	–27.5	–8.1	8.5	–26.5	6.7	(X)
1994	110.7	–38.6	–15.0	–1.8	26.8	5.2	–31.8	23.4	3.9	–4.6	26.1	–19.4	27.7	–13.5	–11.2	14.0	(X)
1995	–7.5	48.8	–11.2	–25.3	41.0	–36.7	25.0	20.3	37.2	–23.7	8.6	45.1	9.2	–14.4	30.3	19.6	(X)
1996	–11.1	–31.5	95.3	–58.8	69.2	–18.4	–.4	–27.4	83.2	–6.8	–4.0	–3.7	15.6	–25.7	3.2	17.0	(X)
1997	–3.4	–6.5	–10.5	–3.6	–	26.0	–21.0	27.1	–21.1	23.0	98.7	–61.2	–14.2	–5.1	–	41.6	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
SHIPBUILDING AND TANKS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	468	738	2 023	1 398	1 731	1 862	820	566	561	437	2 222	282	3 229	4 991	1 947	2 941	13 108
1988	1 691	904	1 761	1 374	704	1 292	1 060	501	659	2 165	896	3 411	4 356	3 370	2 220	6 472	16 418
1989	365	1 420	752	225	1 252	1 423	635	450	681	1 289	686	2 512	2 537	2 900	1 766	4 487	11 690
1990	867	1 917	1 196	1 086	1 031	1 031	1 132	2 203	819	1 204	707	2 153	3 980	3 148	4 154	4 064	15 346
1991	1 376	372	677	528	2 034	493	386	1 563	–331	720	152	742	2 425	3 055	1 618	1 614	8 712
1992	690	743	693	1 619	1 059	650	477	693	508	714	569	1 684	2 126	3 328	1 678	2 967	10 099
1993	1 813	519	677	440	255	611	1 574	856	1 482	642	184	536	3 009	1 306	3 912	1 362	9 589
1994	515	510	596	620	528	347	1 229	414	1 522	961	8	4 090	1 621	1 495	3 165	5 059	11 340
1995	1 678	684	693	561	702	1 030	571	632	909	447	676	1 092	3 055	2 293	2 112	2 215	9 675
1996	1 812	632	662	479	490	2 482	202	532	594	359	1 214	2 489	3 106	3 451	1 328	4 062	11 947
1997	601	423	634	723	949	1 168	419	392	1 027	404	851	2 044	1 658	2 840	1 838	3 299	9 635
Seasonally Adjusted—Millions of Dollars																	
1987	590	700	2 039	1 455	1 630	1 861	767	578	567	474	2 204	210	3 329	4 946	1 912	2 888	(X)
1988	1 862	874	1 766	1 418	633	1 283	1 062	511	658	2 201	898	3 184	4 502	3 334	2 231	6 283	(X)
1989	515	1 426	741	274	1 200	1 376	565	462	704	1 371	742	2 388	2 682	2 850	1 731	4 501	(X)
1990	1 015	1 938	1 120	1 140	857	989	1 090	2 218	841	1 284	808	2 091	4 073	2 986	4 149	4 183	(X)
1991	1 563	364	564	542	1 941	458	415	1 577	–338	771	253	643	2 491	2 941	1 654	1 667	(X)
1992	876	722	606	1 635	1 028	573	527	713	472	754	620	1 518	2 204	3 236	1 712	2 892	(X)
1993	2 047	494	611	450	218	514	1 632	876	1 443	687	235	396	3 152	1 182	3 951	1 318	(X)
1994	727	501	544	648	478	200	1 284	437	1 482	986	44	3 960	1 772	1 326	3 203	4 990	(X)
1995	1 925	672	654	591	656	889	635	681	874	480	701	996	3 251	2 136	2 190	2 177	(X)
1996	2 001	615	659	540	425	2 259	289	599	557	381	1 229	2 354	3 275	3 224	1 445	3 964	(X)
1997	742	405	638	800	862	929	500	465	991	435	863	1 999	1 785	2 591	1 956	3 297	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.9	18.6	191.3	–28.6	12.0	14.2	–58.8	–24.6	–1.9	–16.4	365.0	–90.5	187.2	48.6	–61.3	51.0	(X)
1988	786.7	–53.1	102.1	–19.7	–55.4	102.7	–17.2	–51.9	28.8	234.5	–59.2	254.6	55.9	–25.9	–33.1	181.6	(X)
1989	–83.8	176.9	–48.0	–63.0	338.0	14.7	–58.9	–18.2	52.4	94.7	–45.9	221.8	–57.3	6.3	–39.3	160.0	(X)
1990	–57.5	90.9	–42.2	1.8	–24.8	15.4	10.2	103.5	–62.1	52.7	–37.1	158.8	–9.5	–26.7	38.9	.8	(X)
1991	–25.3	–76.7	54.9	–3.9	258.1	–76.4	–9.4	280.0	–121.5	(n)	–67.2	154.2	–40.4	18.1	–43.8	.8	(X)
1992	36.2	–17.6	–16.1	169.8	–37.1	–44.3	–8.0	35.3	–33.8	59.7	–17.8	144.8	32.2	46.8	–47.1	68.9	(X)
1993	34.8	–75.9	23.7	–26.4	–51.6	135.8	217.5	–46.3	64.7	–52.4	–65.8	68.5	9.0	–62.5	234.3	–66.6	(X)
1994	83.6	–31.1	8.6	19.1	–26.2	–58.2	542.0	–66.0	239.1	–33.5	–95.5	8 900.0	34.4	–25.2	141.6	55.8	(X)
1995	–51.4	–65.1	–2.7	–9.6	11.0	35.5	–28.6	7.2	28.3	–45.1	46.0	42.1	–34.8	–34.3	2.5	–.6	(X)
1996	100.9	–69.3	7.2	–18.1	–21.3	431.5	–87.2	107.3	–7.0	–31.6	222.6	91.5	50.4	–1.6	–55.2	174.3	(X)
1997	–68.5	–45.4	57.5	25.4	7.7	7.8	–46.2	–7.0	113.1	–56.1	98.4	131.6	–55.0	45.2	–24.5	68.6	(X)
INSTRUMENTS AND RELATED PRODUCTS, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	7 377	8 262	9 207	9 395	8 077	10 239	8 471	8 512	10 847	9 284	9 267	10 116	24 846	27 711	27 830	28 667	109 054
1988	8 144	9 268	9 639	7 040	10 666	9 190	8 555	8 346	10 737	9 244	10 355	14 049	27 051	26 896	27 638	33 648	115 233
1989	9 107	10 175	10 114	8 897	9 267	11 010	8 038	8 540	12 496	10 591	11 645	12 868	29 396	29 174	29 074	35 104	122 748
1990	9 765	9 980	11 281	10 070	10 684	11 375	9 609	9 638	11 252	11 200	10 296	10 952	31 026	32 129	30 499	32 448	126 102
1991	9 355	11 082	10 225	9 531	11 213	11 588	10 873	11 058	11 729	11 788	10 738	11 153	30 662	32 332	33 660	33 679	130 333
1992	10 172	10 316	11 510	9 344	10 525	10 919	9 823	10 232	12 258	11 138	11 521	14 556	31 998	30 788	32 313	37 215	132 314
1993	10 660	10 699	11 706	11 517	10 424	10 959	10 222	10 505	11 752	11 309	11 283	12 213	33 065	32 900	32 479	34 805	133 249
1994	9 639	10 865	10 949	9 410	10 360	13 137	10 672	10 634	12 010	11 763	10 910	12 883	31 453	32 907	33 316	35 556	133 232
1995	11 026	11 747	12 277	10 619	11 428	13 078	10 085	11 856	12 647	12 381	12 235	14 796	35 050	35 125	34 588	39 412	144 175
1996	10 957	12 745	12 811	11 476	12 294	13 142	11 063	11 666	13 090	12 379	12 999	14 722	36 513	36 912	35 819	40 100	149 344
1997	11 983	14 151	14 258	12 831	12 495	15 010	13 733	12 611	14 486	13 749	14 083	16 063	40 392	40 336	40 830	43 895	165 453
Seasonally Adjusted—Millions of Dollars																	
1987	8 337	8 282	8 246	10 023	8 571	9 650	9 535	9 289	9 801	9 075	9 028	8 737	24 865	28 244	28 625	26 840	(X)
1988	9 364	9 274	9 014	7 695	11 100	8 398	9 650	9 210	9 740	9 001	9 868	12 490	27 652	27 193	28 600	31 359	(X)
1989	10 500	10 305	9 737	9 595	9 614	10 129	9 036	9 419	11 552	10 244	11 080	11 436	30 542	29 338	30 007	32 760	(X)
1990	11 053	10 294	10 898	10 990	10 904	10 547	10 537	10 492	10 316	10 702	9 872	9 547	32 245	32 441	31 345	30 121	(X)
1991	10 512	11 465	9 801	10 641	11 352	10 901	11 624	11 780	10 779	11 274	10 518	9 804	31 778	32 894	34 183	31 596	(X)
1992	11 060	10 899	10 899	10 510	10 652	10 316	10 598	10 817	11 257	10 776	11 385	13 136	32 858	31 478	32 672	35 297	(X)
1993	11 484	11 307	11 085	12 604	10 588	10 338	11 081	11 007	10 731	10 985	11 264	10 749	33 876	33 530	32 819	32 998	(X)
1994	10 624	11 345	10 290	10 433	10 538	12 327	11 731	11 114	10 976	11 569	10 941	11 419	32 259	33 298	33 821	33 929	(X)
1995	12 234	12 038	11 458	11 568	11 621	12 138	11 314	12 313	11 649	12 349	12 259	13 237	35 730	35 327	35 276	37 845	(X)
1996	12 292	12 814	11 941	12 401	12 518	12 092	12 464	12 154	12 142	12 428	13 005	13 177	37 047	37 011	36 760	38 610	(X)
1997	13 415	14 078	13 341	13 735	12 785	13 814	15 173	13 141	13 429	13 895	14 137	14 460	40 834	40 334	41 743	42 492	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–1.6	–.7	–.4	21.5	–14.5	12.6	–1.2	–2.6	5.5	–7.4	–.5	–3.2	–2.6	13.6	1.3	–6.2	(X)
1988	7.2	–1.0	–2.8	–14.6	44.2	–24.3	14.9	–4.6	5.8	–7.6	9.6	26.6	3.0	–1.7	5.2	9.6	(X)
1989	–15.9	–1.9	–5.5	–1.5	.2	5.4	–10.8	4.2	22.6	–11.3	8.2	3.2	–2.6	–3.9	2.3	9.2	(X)
1990	–3.3	–6.9	5.9	.8	–.8	–3.3	–.1	–.4	–1.7	3.7	–7.8	–3.3	–1.6	.6	–3.4	–3.9	(X)
1991	10.1	9.1	–14.5	8.6	6.7	–4.0	6.6	1.3	–8.5	4.6	–6.7	–6.8	5.5	3.5	3.9	–7.6	(X)
1992	12.8	–1.5	–	–3.6	1.4	–3.2	2.7	2.1	4.1	–4.3	5.7	15.4	4.0	–4.2	3.8	8.0	(X)
1993	–12.6	–1.5	–2.0	13.7	–16.0	–2.4	7.2	–.7	–2.5	2.4	2.5	–4.6	–4.0	–1.0	–2.1	.5	(X)
1994	–1.2	6.8	–9.3	1.4	1.0	17.0	–4.8	–5.3	–1.2	5.4	–5.4	4.4	–2.2	3.2	1.6	.3	(X)
1995	7.1	–1.6	–4.8	1.0	.5	4.4	–6.8	8.8	–5.4	6.0	–.7	8.0	5.3	–1.1	–.1	7.3	(X)
1996	–7.1	4.2	–6.8	3.9	.9	–3.4	3.1	–2.5	–.1	2.4	4.6	1.3	–2.1	–.1	–.7	5.0	(X)
1997	1.8	4.9	–5.2	3.0	–6.9	8.0	9.8	–13.4	2.2	3.5	1.7	2.3	5.8	–1.2	3.5	1.8	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	SEARCH AND NAVIGATION EQUIPMENT—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	2 201	2 622	2 962	3 664	2 378	3 422	2 553	2 734	4 111	3 290	3 351	3 705	7 785	9 464	9 398	10 346	36 993
1988	2 369	3 042	2 661	653	4 112	1 809	1 952	1 946	3 614	2 295	3 501	6 202	8 072	6 574	7 512	11 998	34 156
1989	2 997	3 492	2 536	2 276	2 073	2 818	1 544	1 622	3 646	3 079	4 570	5 335	9 025	7 167	6 812	12 984	35 988
1990	2 620	2 594	3 274	3 003	3 275	3 299	2 681	2 415	3 321	3 056	2 811	3 688	8 488	9 577	8 417	9 555	36 037
1991	2 087	3 636	2 445	2 207	3 331	3 329	3 259	3 589	3 262	3 306	2 785	3 062	8 168	8 867	10 110	9 153	36 298
1992	2 936	2 736	2 978	1 299	2 255	1 893	2 164	1 680	3 413	2 111	3 075	4 772	8 650	5 447	7 257	9 958	31 312
1993	2 845	2 580	2 940	3 541	2 074	1 845	2 244	2 211	2 736	2 260	2 303	3 033	8 365	7 460	7 191	7 596	30 612
1994	1 344	2 640	1 338	1 092	1 675	3 412	2 605	1 979	2 691	2 520	1 814	3 163	5 322	6 179	7 275	7 497	26 273
1995	2 330	2 428	3 097	2 035	2 313	2 842	1 825	2 527	2 723	2 454	2 457	4 211	7 855	7 190	7 075	9 122	31 242
1996	2 008	2 848	2 611	2 042	2 202	2 194	1 410	1 703	2 420	2 164	2 609	3 593	7 467	6 438	5 533	8 366	27 804
1997	2 031	3 532	3 266	2 342	1 820	3 243	3 431	2 124	2 790	2 488	2 853	3 843	8 829	7 405	8 345	9 184	33 763
	Seasonally Adjusted—Millions of Dollars																
1987	2 699	2 506	2 344	4 049	2 815	3 411	3 332	3 292	3 533	3 122	2 940	2 474	7 549	10 275	10 157	8 536	(X)
1988	3 103	2 912	2 434	1 029	4 471	1 669	2 700	2 553	3 145	2 159	2 831	4 765	8 449	7 169	8 398	9 755	(X)
1989	3 823	3 452	2 593	2 666	2 361	2 597	2 160	2 236	3 289	2 957	3 846	3 963	9 868	7 624	7 685	10 766	(X)
1990	3 340	2 688	3 336	3 562	3 451	3 086	3 194	3 032	2 974	2 895	2 272	2 330	9 364	10 099	9 200	7 497	(X)
1991	2 648	3 731	2 426	2 898	3 457	3 243	3 520	4 082	2 934	3 160	2 503	1 870	8 805	9 598	10 536	7 533	(X)
1992	3 193	2 999	2 833	2 027	2 403	1 909	2 336	2 027	3 032	2 113	2 936	3 682	9 025	6 339	7 395	8 731	(X)
1993	3 008	2 833	2 721	4 161	2 279	1 868	2 453	2 486	2 339	2 269	2 291	1 999	8 562	8 308	7 278	6 559	(X)
1994	1 554	2 806	1 052	1 645	1 878	3 369	2 917	2 250	2 299	2 564	1 876	2 191	5 412	6 892	7 466	6 631	(X)
1995	2 659	2 482	2 702	2 534	2 494	2 699	2 248	2 795	2 370	2 564	2 531	3 224	7 843	7 727	7 413	8 319	(X)
1996	2 410	2 752	2 192	2 496	2 388	1 994	1 907	2 003	2 156	2 331	2 642	2 628	7 354	6 878	6 066	7 601	(X)
1997	2 447	3 342	2 847	2 738	2 052	2 973	3 981	2 437	2 503	2 688	2 872	2 918	8 636	7 763	8 921	8 478	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–5.2	–7.2	–6.5	72.7	–30.5	21.2	–2.3	–1.2	7.3	–11.6	–5.8	–15.9	–12.6	36.1	–1.1	–16.0	(X)
1988	25.4	–6.2	–16.4	–57.7	334.5	–62.7	61.8	–5.4	23.2	–31.4	31.1	68.3	–1.0	–15.1	17.1	16.2	(X)
1989	–19.8	–9.7	–24.9	2.8	–11.4	10.0	–16.8	3.5	47.1	–10.1	30.1	3.0	1.2	–22.7	.8	40.1	(X)
1990	–15.7	–19.5	24.1	6.8	–3.1	–10.6	3.5	–5.1	–1.9	–2.7	–21.5	2.6	–13.0	7.8	–8.9	–18.5	(X)
1991	13.6	40.9	–35.0	19.5	19.3	–6.2	8.5	16.0	–28.1	7.7	–20.8	–25.3	17.4	9.0	9.8	–28.5	(X)
1992	70.7	–6.1	–5.5	–28.5	18.5	–20.6	22.4	–13.2	49.6	–30.3	38.9	25.4	19.8	–29.8	16.7	18.1	(X)
1993	–18.3	–5.8	–4.0	52.9	–45.2	–18.0	31.3	1.3	–5.9	–3.0	1.0	–12.7	–1.9	–3.0	–12.4	–9.9	(X)
1994	–22.3	80.6	–62.5	56.4	14.2	79.4	–13.4	–22.9	2.2	11.5	–26.8	16.8	–17.5	27.3	8.3	–11.2	(X)
1995	21.4	–6.7	8.9	–6.2	–1.6	8.2	–16.7	24.3	–15.2	8.2	–1.3	27.4	18.3	–1.5	–4.1	12.2	(X)
1996	–25.2	14.2	–20.3	13.9	–4.3	–16.5	–4.4	5.0	7.6	8.1	13.3	–.5	–11.6	–6.5	–11.8	25.3	(X)
1997	–6.9	36.6	–14.8	–3.8	–25.1	44.9	33.9	–38.8	2.7	7.4	6.8	1.6	13.6	–10.1	14.9	–5.0	(X)
	MEASURING AND CONTROLLING DEVICES—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	1 957	2 018	2 300	2 070	2 020	2 437	2 110	2 124	2 381	2 174	2 109	2 352	6 275	6 527	6 615	6 635	26 052
1988	2 226	2 384	2 644	2 415	2 473	2 705	2 504	2 474	2 632	2 628	2 534	2 965	7 254	7 593	7 610	8 127	30 584
1989	2 308	2 182	2 760	2 182	2 627	2 464	2 275	2 611	2 987	2 669	2 567	2 901	7 250	7 273	7 873	8 137	30 533
1990	2 598	2 673	2 966	2 632	2 790	2 869	2 480	2 662	2 692	2 879	2 622	2 721	8 237	8 291	7 834	8 222	32 584
1991	2 630	2 743	3 020	2 602	2 749	3 052	2 550	2 655	2 859	2 950	2 966	2 943	8 393	8 403	8 064	8 859	33 719
1992	2 779	2 642	3 024	2 852	2 721	3 071	2 648	2 749	2 916	2 961	2 782	3 551	8 445	8 644	8 313	9 294	34 696
1993	2 656	2 971	2 990	2 864	2 724	3 008	2 572	2 756	2 842	3 069	3 139	3 218	8 617	8 596	8 170	9 426	34 809
1994	2 993	3 066	3 763	3 161	3 055	3 367	2 944	3 160	3 368	3 307	3 370	3 771	9 822	9 583	9 472	10 448	39 325
1995	3 469	3 704	3 740	3 295	3 525	3 902	3 171	3 734	3 888	3 712	3 782	4 492	10 913	10 722	10 793	11 986	44 414
1996	3 634	3 854	4 130	3 607	3 820	4 121	3 453	3 851	3 934	3 983	4 004	4 815	11 618	11 548	11 238	12 802	47 206
1997	3 701	4 109	4 386	3 929	4 157	4 518	3 761	4 189	4 408	4 518	4 228	4 725	12 196	12 604	12 358	13 471	50 629
	Seasonally Adjusted—Millions of Dollars																
1987	2 091	2 043	2 138	2 145	2 038	2 287	2 274	2 149	2 220	2 181	2 196	2 281	6 272	6 470	6 643	6 658	(X)
1988	2 370	2 414	2 461	2 504	2 492	2 538	2 691	2 504	2 458	2 632	2 613	2 902	7 245	7 534	7 653	8 147	(X)
1989	2 468	2 216	2 563	2 266	2 847	2 301	2 466	2 642	2 804	2 665	2 626	2 858	7 247	7 214	7 912	8 149	(X)
1990	2 775	2 712	2 735	2 735	2 811	2 690	2 705	2 696	2 517	2 857	2 670	2 681	8 222	8 236	7 918	8 208	(X)
1991	2 811	2 786	2 787	2 715	2 768	2 870	2 805	2 688	2 671	2 919	3 013	2 884	8 384	8 351	8 164	8 816	(X)
1992	2 990	2 686	2 750	2 971	2 751	2 878	2 940	2 778	2 704	2 941	2 839	3 454	8 426	8 598	8 420	9 234	(X)
1993	2 879	3 015	2 714	2 984	2 749	2 811	2 902	2 780	2 610	3 076	3 193	3 066	8 608	8 544	8 292	9 335	(X)
1994	3 266	3 107	3 445	3 295	3 078	3 138	3 350	3 186	3 092	3 345	3 407	3 565	9 818	9 511	9 628	10 317	(X)
1995	3 795	3 744	3 381	3 441	3 549	3 643	3 626	3 760	3 567	3 780	3 786	4 224	10 920	10 633	10 953	11 790	(X)
1996	4 011	3 892	3 760	3 773	3 848	3 837	3 961	3 873	3 589	4 058	3 992	4 557	11 663	11 456	11 423	12 607	(X)
1997	4 108	4 147	4 018	4 125	4 185	4 202	4 306	4 206	4 016	4 587	4 222	4 464	12 273	12 512	12 528	13 273	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	1.3	–2.3	4.7	.3	–5.0	12.2	–.6	–5.5	3.3	–1.8	.7	3.9	1.8	3.2	2.7	.2	(X)
1988	3.9	1.9	1.9	1.7	–.5	1.8	6.0	–6.9	–1.8	7.1	–.7	11.1	8.8	4.0	1.6	8.5	(X)
1989	–15.0	–10.2	15.7	–11.6	16.8	–13.1	7.2	7.1	6.1	–5.0	–1.5	8.8	–11.0	–.5	9.7	3.0	(X)
1990	–2.9	–2.3	.8	–	2.8	–4.3	.6	–.3	–6.6	13.5	–6.5	.4	.9	.2	–3.9	3.7	(X)
1991	4.8	–.9	–	–2.6	1.9	3.8	–2.3	–4.2	–.6	9.3	3.2	–4.3	2.1	–.4	–2.2	8.0	(X)
1992	3.7	–10.2	2.4	8.0	–7.4	4.5	2.2	–5.6	–2.6	8.8	–3.5	21.7	–4.4	2.0	–2.1	9.7	(X)
1993	–16.6	4.7	–10.0	9.9	–7.9	2.3	3.2	–4.2	–6.1	17.9	3.8	–4.0	–6.8	–.7	–2.9	12.8	(X)
1994	6.5	–4.9	10.9	–4.4	–6.6	1.9	6.8	–4.9	–3.0	8.2	1.9	4.6	5.2	–3.1	1.2	7.2	(X)
1995	6.5	–1.3	–9.7	1.8	3.1	2.6	–.5	3.7	–5.1	6.0	.2	11.6	5.8	–2.6	3.0	7.6	(X)
1996	–5.0	–3.0	–3.4	.3	1.9	–.2	3.2	–2.2	–7.3	13.1	–1.6	14.2	–1.1	–1.8	–.3	10.4	(X)
1997	–9.9	.9	–3.1	2.7	1.5	.4	2.5	–2.3	–4.5	14.2	–8.0	5.7	–2.6	1.9	.1	5.9	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
MEDICAL INSTRUMENTS AND SUPPLIES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	1 697	1 765	2 023	1 871	1 835	2 224	1 952	1 982	2 210	2 021	1 962	2 183	5 485	5 930	6 144	8 166	23 725
1988	1 924	2 058	2 283	2 067	2 114	2 331	2 148	2 132	2 255	2 294	2 216	2 612	6 265	6 512	6 535	7 122	26 434
1989	1 938	2 429	2 433	2 337	2 323	3 131	2 300	2 366	3 426	2 631	2 318	2 354	6 800	7 791	8 092	7 301	29 984
1990	2 725	2 751	2 838	2 477	2 599	2 986	2 708	2 681	2 982	3 048	2 666	2 609	8 314	8 062	8 371	8 323	33 070
1991	2 842	2 797	2 809	2 643	2 962	2 765	3 062	2 928	3 299	3 399	2 911	2 803	8 448	8 370	9 289	9 113	35 220
1992	2 817	3 085	3 356	3 085	3 283	3 475	3 114	3 801	3 580	3 886	3 504	3 858	9 258	9 843	10 495	11 248	40 844
1993	3 408	3 067	3 694	3 138	3 482	3 604	3 342	3 363	3 627	3 768	3 516	3 631	10 169	10 224	10 332	10 915	41 640
1994	3 419	3 181	3 479	3 117	3 291	3 681	3 286	3 309	3 387	3 495	3 435	3 598	10 079	10 089	9 982	10 528	40 678
1995	3 381	3 513	3 367	3 269	3 365	3 925	3 222	3 562	3 779	3 909	3 603	4 015	10 261	10 559	10 583	11 527	42 910
1996	3 496	3 947	3 743	3 687	4 006	4 239	4 045	4 017	4 452	3 885	4 078	3 986	11 186	11 932	12 514	11 949	47 581
1997	4 252	4 150	3 984	4 196	4 056	4 280	4 000	4 279	4 695	4 595	4 407	4 939	12 386	12 532	12 974	13 941	51 833
Seasonally Adjusted—Millions of Dollars																	
1987	1 770	1 807	1 934	1 966	1 882	2 052	2 042	2 000	2 075	1 974	2 079	2 143	5 511	5 900	6 117	6 196	(X)
1988	2 010	2 086	2 184	2 188	2 177	2 153	2 207	2 163	2 095	2 203	2 350	2 621	6 280	6 518	6 465	7 174	(X)
1989	2 041	2 446	2 322	2 483	2 385	2 986	2 321	2 405	3 244	2 435	2 455	2 455	6 809	7 854	7 970	7 345	(X)
1990	2 818	2 786	2 735	2 669	2 657	2 856	2 712	2 729	2 779	2 776	2 787	2 745	8 339	8 182	8 220	8 308	(X)
1991	2 945	2 867	2 719	2 861	3 003	2 647	3 098	2 988	3 095	3 108	2 993	2 870	8 531	8 511	9 181	8 971	(X)
1992	2 918	3 168	3 218	3 305	3 283	3 358	3 229	3 914	3 407	3 607	3 512	3 799	9 304	9 946	10 550	10 918	(X)
1993	3 495	3 176	3 613	3 383	3 472	3 482	3 457	3 480	3 471	3 509	3 510	3 497	10 284	10 337	10 408	10 516	(X)
1994	3 556	3 274	3 459	3 341	3 303	3 527	3 422	3 404	3 244	3 318	3 431	3 413	10 289	10 171	10 070	10 162	(X)
1995	3 581	3 564	3 344	3 468	3 415	3 733	3 376	3 640	3 629	3 800	3 611	3 762	10 489	10 616	10 645	11 173	(X)
1996	3 708	3 956	3 729	3 883	4 082	4 044	4 231	4 070	4 277	3 776	4 107	3 692	11 393	12 009	12 578	11 575	(X)
1997	4 488	4 130	3 987	4 386	4 141	4 095	4 198	4 314	4 475	4 501	4 457	4 590	12 605	12 622	12 987	13 548	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	2.4	2.1	7.0	1.7	–4.3	9.0	–.5	–2.1	3.7	–4.9	5.3	3.1	8.1	7.1	3.7	1.3	(X)
1988	–6.2	3.8	4.7	.2	–.5	–1.1	2.5	–2.0	–3.1	5.2	6.7	11.5	1.4	3.8	–.8	11.0	(X)
1989	–22.1	19.8	–5.1	6.9	–3.9	25.2	–22.3	3.6	34.9	–24.9	.8	–	–5.1	15.3	1.5	–7.8	(X)
1990	14.8	–1.1	–1.8	–2.4	–.4	7.5	–5.0	.6	1.8	–.1	.4	–1.5	13.5	–1.9	.5	1.1	(X)
1991	7.3	–2.6	–5.2	5.2	5.0	–11.9	17.0	–3.6	3.6	.4	–3.7	–4.1	2.7	–.2	7.9	–2.3	(X)
1992	1.7	8.6	1.6	2.7	–.7	2.3	–3.8	21.2	–13.0	5.9	–2.6	8.2	3.7	6.9	6.1	3.5	(X)
1993	–8.0	–9.1	13.8	–6.4	2.6	.3	–.7	.7	–.3	1.1	–	–.4	–5.8	.5	.7	1.0	(X)
1994	1.7	–7.9	5.7	–3.4	–1.1	6.8	–3.0	–.5	–4.7	2.3	3.4	–.5	–2.2	–1.1	–1.0	.9	(X)
1995	4.9	–.5	–6.2	3.7	–1.5	9.3	–9.6	7.8	–.3	4.7	–5.0	4.2	3.2	1.2	.3	5.0	(X)
1996	–1.4	6.7	–5.7	4.1	5.1	–.9	4.6	–3.8	5.1	–11.7	8.8	–10.1	2.0	5.4	4.7	–8.0	(X)
1997	21.6	–8.0	–3.5	10.0	–5.6	–1.1	2.5	2.8	3.7	.6	–1.0	3.0	8.9	.1	2.9	4.3	(X)
ALL OTHER DURABLE GOODS INDUSTRIES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	10 163	11 202	12 437	11 625	11 472	12 216	11 278	12 176	12 691	13 235	11 233	10 408	33 802	35 313	36 145	34 876	140 136
1988	10 822	12 181	12 666	13 135	12 182	12 793	11 357	12 311	12 919	12 846	11 814	11 272	35 669	38 110	36 587	35 932	146 298
1989	12 143	12 600	13 584	13 251	13 008	13 330	11 779	13 189	13 298	13 703	12 047	10 919	38 327	39 589	38 266	36 669	152 851
1990	11 907	12 910	13 694	13 479	13 691	13 702	12 355	13 529	13 340	13 281	11 845	10 403	38 511	40 872	39 224	35 529	154 136
1991	10 832	11 914	12 030	12 965	12 722	13 018	12 392	13 170	13 404	13 299	12 213	11 010	34 776	38 705	38 966	36 522	148 969
1992	12 158	13 209	14 047	14 133	13 744	14 642	13 416	14 029	14 754	14 494	13 908	12 562	39 414	42 519	42 199	40 964	165 096
1993	13 260	15 300	15 665	15 463	15 018	15 953	14 235	15 783	16 437	16 236	15 722	14 519	44 225	46 434	46 455	46 477	183 591
1994	14 491	15 779	16 928	16 091	16 980	17 379	15 632	17 237	17 721	17 828	16 601	15 272	47 198	50 450	50 590	49 701	197 939
1995	16 028	16 880	17 700	17 092	17 288	17 573	16 017	17 996	18 200	18 306	16 801	14 764	50 608	51 953	52 213	49 871	204 645
1996	14 957	16 070	17 568	17 471	18 032	18 638	16 858	18 525	19 344	19 681	17 590	16 018	48 595	54 141	54 727	53 289	210 752
1997	16 116	18 065	19 205	19 337	19 266	20 315	18 864	19 615	21 252	20 578	19 049	17 707	53 386	58 918	59 731	57 334	229 369
Seasonally Adjusted—Millions of Dollars																	
1987	10 797	11 382	11 524	11 028	11 189	11 582	11 762	11 878	12 188	12 579	12 284	11 974	33 703	33 799	35 828	36 837	(X)
1988	11 526	12 424	11 721	12 443	11 901	12 166	11 885	12 027	12 353	12 096	12 558	13 090	35 671	36 510	36 265	37 744	(X)
1989	13 080	12 791	12 664	12 696	12 667	12 719	12 321	12 874	12 708	12 961	12 791	12 633	38 535	38 082	37 903	38 385	(X)
1990	12 787	13 041	12 952	12 993	13 301	13 057	12 929	13 153	12 677	12 552	12 565	11 938	38 780	39 351	38 759	37 055	(X)
1991	11 651	11 990	11 381	12 547	12 403	12 375	12 981	12 773	12 709	12 641	12 805	12 692	35 022	37 325	38 463	38 138	(X)
1992	13 105	13 259	13 492	13 659	13 397	13 919	14 043	13 569	13 913	13 859	14 362	14 132	39 856	40 975	41 525	42 353	(X)
1993	14 549	15 416	15 159	15 080	14 721	15 123	14 962	15 213	15 458	15 451	16 003	16 251	45 124	44 924	45 633	47 705	(X)
1994	15 992	15 965	18 426	15 844	16 620	16 524	16 419	16 621	16 638	16 792	16 866	17 024	48 383	48 988	49 678	50 682	(X)
1995	17 835	17 220	17 092	16 886	18 934	18 752	16 807	17 411	17 066	17 074	17 032	16 454	52 147	50 572	51 284	50 560	(X)
1996	16 713	16 519	16 969	17 235	17 872	17 712	17 608	17 992	18 012	18 340	17 792	17 776	50 201	52 619	53 612	53 908	(X)
1997	18 161	18 703	18 628	19 125	18 919	19 200	19 545	19 128	19 668	19 262	19 297	19 575	55 492	57 244	58 341	58 134	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.5	5.4	1.2	–4.3	1.5	3.5	1.6	1.0	2.6	3.2	–2.3	–2.5	4.5	.3	6.0	2.8	(X)
1988	–3.7	7.8	–5.7	6.2	–4.4	2.2	–2.3	1.2	2.7	–2.1	3.8	4.2	–3.2	2.4	–.7	4.1	(X)
1989	–.1	–2.2	–1.0	.3	–.2	.4	–3.1	4.5	–1.3	2.0	–1.3	–1.2	2.1	–1.2	–.5	1.3	(X)
1990	1.2	2.0	–.7	.3	2.4	–1.8	–1.0	1.7	–3.6	–1.0	.1	–5.0	1.0	1.5	–1.5	–4.4	(X)
1991	–2.4	2.9	–5.1	10.2	–1.1	–.2	4.9	–1.6	–.5	–.5	1.3	–.9	–5.5	6.6	3.0	–.8	(X)
1992	3.3	1.2	1.8	1.2	–1.9	3.9	.9	–3.4	2.5	–.4	3.6	–1.6	4.5	2.8	1.3	2.0	(X)
1993	3.0	6.0	–1.7	–.5	–2.4	2.7	–1.1	1.7	1.6	–	3.6	1.5	6.5	–.4	1.6	4.5	(X)
1994	–1.6	–.2	2.9	–3.5	4.9	–.6	–.6	1.2	.1	.9	.4	.9	1.4	1.3	1.4	2.0	(X)
1995	4.8	–3.4	–.7	–1.2	.3	–1.1	.3	3.6	–2.0	–	–.2	–3.4	2.9	–3.0	1.4	–1.4	(X)
1996	1.6	–1.2	2.7	1.6	2.5	.2	–.6	2.2	.1	1.8	–3.0	–.1	–.7	4.8	1.9	.6	(X)
1997	2.2	3.0	–.4	2.7	–1.1	1.5	1.8	–2.1	2.8	–2.1	.2	1.4	2.9	3.2	1.9	–.4	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
NONDURABLE GOODS INDUSTRIES, TOTAL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	87 738	96 504	99 070	96 282	96 418	102 947	96 211	99 762	106 463	103 160	100 158	98 240	283 310	295 647	302 436	301 558	1 182 951
1988	95 330	101 959	106 378	103 352	104 131	111 359	102 374	109 185	113 879	110 127	108 524	107 726	303 667	318 842	325 438	326 377	1 274 324
1989	105 409	111 872	115 721	113 708	114 463	119 852	107 697	115 333	119 277	116 266	113 057	109 542	333 002	348 023	342 307	338 865	1 362 197
1990	108 045	114 558	120 040	115 301	116 248	121 683	111 125	124 579	129 100	127 913	123 303	115 190	342 643	353 232	364 804	366 406	1 427 085
1991	111 011	116 372	118 669	116 344	120 091	122 705	114 151	122 131	126 699	124 518	120 922	113 865	346 052	359 140	362 981	359 305	1 427 478
1992	109 024	118 270	122 835	120 280	120 745	129 502	119 849	122 558	131 098	126 827	123 232	120 634	348 129	370 527	373 505	370 693	1 462 854
1993	115 270	123 085	128 823	123 631	123 670	132 139	119 291	125 947	131 895	127 457	124 682	119 517	367 178	379 440	377 133	371 656	1 495 407
1994	114 768	123 679	131 934	125 810	128 591	135 754	123 445	138 048	139 495	135 971	134 572	132 224	370 379	390 155	398 988	402 767	1 562 289
1995	127 201	136 145	141 409	137 065	139 385	146 211	133 093	143 089	145 852	142 699	139 967	134 092	404 755	422 661	422 034	416 758	1 668 208
1996	129 235	136 725	142 151	142 164	143 848	147 394	138 392	146 917	149 944	149 363	147 107	139 523	408 111	433 406	435 253	435 993	1 712 763
1997	136 009	143 397	148 030	146 425	147 090	152 169	143 483	150 942	155 697	153 703	149 364	145 008	427 436	445 684	450 122	448 075	1 771 317
Seasonally Adjusted—Millions of Dollars																	
1987	93 834	96 667	96 485	97 118	97 010	98 761	100 579	98 788	100 178	100 964	101 055	101 300	286 986	292 889	299 545	303 319	(X)
1988	101 777	102 358	103 669	104 137	104 725	106 796	107 094	107 700	107 397	107 409	109 109	111 627	307 802	315 658	322 191	328 145	(X)
1989	112 871	112 824	113 184	114 610	114 855	115 190	112 550	113 393	112 659	112 746	112 960	113 781	338 879	344 655	338 602	339 487	(X)
1990	116 119	118 250	117 714	116 439	116 545	117 047	115 943	122 019	122 322	123 440	122 448	119 912	350 083	350 031	360 284	365 800	(X)
1991	119 682	118 390	118 490	117 653	120 060	117 624	118 593	119 540	119 860	120 432	119 959	118 690	354 562	355 337	357 993	359 081	(X)
1992	118 151	118 461	119 832	121 702	120 656	123 310	124 488	120 038	123 905	123 081	122 648	125 568	356 444	365 668	368 429	371 297	(X)
1993	125 090	125 383	125 584	125 006	123 422	125 675	124 152	123 173	124 873	123 747	124 557	124 357	376 057	374 103	371 998	372 861	(X)
1994	124 450	125 969	128 538	127 011	128 260	129 408	128 709	132 809	132 270	132 408	134 534	137 603	378 957	384 679	393 788	404 545	(X)
1995	137 537	138 662	138 037	138 180	138 792	139 797	138 705	139 689	138 800	138 857	139 741	139 219	414 236	416 769	417 194	417 817	(X)
1996	139 439	139 328	139 503	143 041	143 208	141 386	143 588	143 370	143 014	145 022	146 594	144 699	418 268	427 635	429 970	438 315	(X)
1997	146 616	146 324	145 779	147 278	148 390	146 284	148 339	147 459	148 534	149 166	148 689	150 339	438 719	439 952	444 332	448 194	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.9	3.0	–.2	.7	–.1	1.8	1.8	–1.8	1.4	.8	.1	.2	3.7	2.1	2.3	1.3	(X)
1988	.5	.6	1.3	.5	.6	2.0	.3	.6	–.3	–	1.6	2.3	1.5	2.6	2.1	1.8	(X)
1989	1.1	–	.3	1.3	.2	.3	–2.3	.7	–.6	.1	.2	.7	3.3	1.7	–1.8	.3	(X)
1990	2.1	.1	1.3	–1.1	.1	.4	–.9	5.2	.2	.9	–.8	–2.1	3.1	–	2.9	1.5	(X)
1991	–.2	–1.1	–1.6	1.0	2.0	–2.0	.8	.8	.3	.5	–.4	–1.1	–3.1	.2	.7	.3	(X)
1992	–.5	.3	1.2	1.6	–.9	2.2	1.0	–3.8	3.2	–.7	–.4	2.4	–.7	2.6	.8	.8	(X)
1993	–.4	.2	.2	–.5	–1.3	1.8	–1.2	–.8	1.2	–.7	.7	–.2	1.3	–.5	–.6	.2	(X)
1994	.1	1.2	2.0	–1.2	1.0	.9	–.5	3.2	–.4	.1	1.8	2.3	1.7	1.5	2.4	2.7	(X)
1995	–	.8	–.5	.1	.4	.7	–.8	.7	–.8	–	.8	–.4	2.4	.6	.1	.1	(X)
1996	.2	–.1	.1	2.5	.1	–1.3	1.6	–.2	–.2	1.4	1.1	–1.3	.1	2.2	.5	1.5	(X)
1997	1.3	–.2	–.4	1.0	–.6	–.1	1.4	–.8	.7	.4	–.3	1.1	.6	.3	1.0	.9	(X)
NONDURABLE GOODS WITH UNFILLED ORDERS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	23 335	25 729	26 073	25 047	24 238	28 333	25 228	25 991	27 145	27 380	25 888	25 718	75 137	75 618	78 362	78 984	308 101
1988	25 337	26 887	27 507	26 779	28 434	27 955	26 125	28 153	29 172	28 373	28 227	28 151	79 731	81 168	83 450	84 751	329 100
1989	27 240	28 971	29 469	28 533	28 302	30 046	26 863	29 610	30 368	29 613	29 152	27 307	85 680	86 881	86 841	86 072	345 474
1990	27 722	29 544	30 813	29 384	28 865	30 298	27 248	31 088	30 959	29 917	29 258	27 951	88 079	88 547	89 295	87 126	353 047
1991	27 142	28 905	29 592	28 206	28 961	29 128	28 030	30 563	31 207	30 543	29 766	28 652	85 639	86 293	89 800	88 961	350 693
1992	27 297	29 229	30 959	29 884	28 803	30 878	29 704	30 630	31 888	32 251	30 941	30 345	87 485	89 565	92 222	93 537	362 809
1993	29 184	31 103	31 578	30 831	30 107	31 348	29 219	31 237	32 363	31 513	31 372	30 297	91 845	92 286	92 819	93 182	370 132
1994	29 024	31 334	33 131	31 124	32 146	33 205	30 815	34 590	34 800	34 459	34 592	33 655	93 489	96 475	100 205	102 706	392 875
1995	33 085	35 480	36 606	35 711	35 772	37 577	34 767	36 819	38 877	36 333	36 906	34 348	105 171	109 060	108 463	107 587	430 281
1996	33 341	34 884	35 556	35 526	34 992	38 922	34 491	36 603	37 169	35 823	37 125	34 982	103 781	107 440	108 263	107 930	427 414
1997	32 764	35 106	36 787	35 517	34 982	37 593	38 255	37 230	38 995	38 528	38 198	37 404	104 637	108 092	112 480	114 130	439 339
Seasonally Adjusted—Millions of Dollars																	
1987	24 439	25 532	25 243	25 281	24 870	25 807	26 552	25 707	25 839	28 818	26 109	26 354	75 214	75 938	78 098	79 081	(X)
1988	26 418	26 620	26 584	26 983	27 202	27 298	27 619	27 635	27 743	27 566	28 265	28 985	79 620	81 483	82 997	84 816	(X)
1989	28 575	28 824	28 526	28 737	29 085	29 421	28 448	28 893	28 870	28 677	28 997	28 269	85 925	87 243	86 211	85 943	(X)
1990	29 245	29 483	29 860	29 564	29 622	29 740	28 817	30 180	29 457	29 022	29 032	28 989	88 588	88 926	88 454	87 043	(X)
1991	28 725	28 867	28 677	28 404	29 605	28 618	29 404	29 633	29 781	29 678	29 496	29 639	88 269	86 627	88 818	88 813	(X)
1992	29 016	29 247	29 899	30 202	29 506	30 334	31 096	29 659	30 477	31 341	30 582	31 332	88 162	90 042	91 232	93 255	(X)
1993	31 088	31 190	30 558	31 184	30 713	30 662	30 574	30 324	30 938	30 593	30 823	31 225	92 836	92 559	91 836	92 641	(X)
1994	31 050	31 517	32 164	31 540	32 719	32 400	32 254	33 561	33 229	33 654	33 906	34 859	94 731	98 659	99 044	102 219	(X)
1995	35 483	35 807	35 588	36 128	36 255	36 504	36 302	35 827	35 187	35 470	38 081	35 216	106 878	108 887	107 316	106 767	(X)
1996	35 790	35 252	34 792	35 998	35 690	35 798	35 790	35 570	35 477	35 039	36 291	35 667	105 834	107 488	106 837	106 997	(X)
1997	35 331	35 557	36 181	38 046	35 738	36 395	37 392	38 241	37 134	37 621	37 399	38 066	107 069	108 179	110 767	113 086	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.8	4.5	–1.1	.1	–1.5	3.8	2.9	–3.2	.5	3.0	–1.9	.9	3.7	1.0	2.8	1.3	(X)
1988	.2	.8	–.1	1.5	.8	.4	1.2	.1	.4	–.8	2.5	2.5	.7	2.3	1.9	2.2	(X)
1989	–1.4	.9	–1.0	.7	1.2	1.2	–3.3	1.6	–.1	–.7	1.1	–2.5	1.3	1.5	–1.2	–.3	(X)
1990	3.5	.8	1.3	–1.0	.2	.4	–3.1	4.7	–2.4	–1.5	–	–.1	3.1	.4	–.5	–1.8	(X)
1991	–.9	.5	–.7	–1.0	4.2	–3.3	2.7	.8	.5	–.3	–.8	.5	–.9	.4	2.5	–	(X)
1992	–2.1	.8	2.2	1.0	–2.3	2.8	2.5	–4.6	2.8	2.8	–2.4	2.5	–.7	2.1	1.3	2.2	(X)
1993	–.8	.3	–2.0	2.0	–1.5	–.2	–.3	–.8	2.0	–1.1	.8	1.3	–.4	–.3	–.8	.9	(X)
1994	–.6	1.5	2.1	–1.9	3.7	–1.0	–.5	4.1	–1.0	1.3	.7	2.2	2.3	2.0	2.5	3.2	(X)
1995	2.4	.9	–.6	1.5	.4	.7	–.6	–1.3	–1.8	.8	1.7	–2.4	4.6	1.9	–1.4	–.5	(X)
1996	1.6	–1.5	–1.3	3.5	–.9	.3	–	–.6	–.3	–1.2	3.6	–1.7	–.9	1.6	–.6	.1	(X)
1997	–.9	.8	1.8	–.4	–.9	1.8	2.7	–3.1	2.5	1.3	–.6	1.8	.1	1.0	2.4	2.1	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
AUTOMOTIVE EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	8 576	10 188	9 999	9 495	9 458	9 381	8 356	7 251	8 734	9 653	8 915	7 259	28 763	28 334	22 341	25 827	105 265
1988	8 290	9 427	9 786	9 755	10 045	10 054	6 878	8 409	9 535	10 882	10 062	9 175	27 503	29 854	24 822	30 119	112 298
1989	10 279	11 085	10 659	11 188	10 764	9 947	6 257	9 569	10 002	10 274	10 139	8 222	32 023	31 899	25 828	28 635	118 385
1990	8 569	9 809	10 580	9 962	10 937	10 861	7 016	9 586	9 645	10 908	8 323	5 985	28 958	31 760	28 247	25 218	110 181
1991	7 156	8 057	7 617	9 164	9 912	9 311	7 008	9 154	10 291	11 315	9 916	7 157	22 830	28 387	28 453	28 388	106 058
1992	8 153	10 103	10 518	10 896	11 250	10 762	7 209	9 944	10 063	11 655	10 703	9 269	28 774	32 908	27 216	31 627	120 525
1993	10 086	12 072	12 103	11 907	12 039	11 895	7 152	10 125	11 326	13 057	12 145	10 619	34 261	35 841	28 603	35 821	134 526
1994	11 577	13 627	13 542	13 511	13 796	13 962	8 088	13 465	13 618	14 071	14 074	12 371	38 748	41 269	35 171	40 516	155 702
1995	12 862	15 021	15 078	13 958	14 083	14 100	8 043	13 369	14 208	14 820	13 543	11 802	42 961	42 141	35 620	40 165	160 887
1996	12 403	14 684	13 203	14 596	15 069	14 446	9 157	13 708	14 886	14 795	14 055	11 308	40 290	44 111	37 751	40 158	162 310
1997	13 357	15 065	14 437	14 776	14 110	14 682	9 879	14 347	14 985	16 163	14 592	12 917	42 859	43 568	39 211	43 872	169 310
Seasonally Adjusted—Millions of Dollars																	
1987	8 732	9 327	9 206	8 794	8 826	8 753	8 439	8 175	8 586	8 778	8 756	8 418	27 265	28 373	25 200	25 950	(X)
1988	8 564	8 746	9 050	9 041	9 269	9 390	9 447	9 151	9 326	9 763	9 832	10 717	26 360	27 700	27 924	30 312	(X)
1989	10 843	10 462	9 898	10 375	9 821	9 278	8 745	9 990	9 765	9 073	9 902	9 882	31 203	29 474	28 500	28 857	(X)
1990	7 142	9 441	9 810	9 238	9 871	10 173	9 827	9 773	9 377	9 406	8 128	7 373	28 393	29 280	28 977	24 907	(X)
1991	7 937	7 770	7 089	8 510	8 900	8 677	9 848	9 364	10 009	9 717	9 699	8 817	22 796	28 087	29 219	28 233	(X)
1992	9 069	9 606	9 756	10 098	10 125	9 994	10 284	10 233	9 753	10 211	10 539	11 074	28 431	30 217	30 270	31 824	(X)
1993	11 075	11 282	11 247	11 032	10 902	11 043	10 601	10 389	10 937	11 712	11 924	12 258	33 604	32 977	31 927	35 894	(X)
1994	12 501	12 531	12 606	12 542	12 635	13 011	12 581	13 638	13 128	12 853	13 738	14 060	37 638	38 188	39 347	40 651	(X)
1995	13 735	13 698	14 019	13 019	13 082	13 203	12 529	13 422	13 647	13 510	13 195	13 449	41 452	39 304	39 598	40 154	(X)
1996	13 297	13 407	12 288	13 639	14 120	13 576	14 021	13 673	14 208	13 445	13 684	12 979	38 990	41 335	41 902	40 108	(X)
1997	14 397	13 795	13 475	13 837	13 267	13 861	14 915	14 302	14 229	14 545	14 216	14 835	41 667	40 965	43 446	43 596	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–5.6	8.8	–1.3	–4.5	.4	–.8	–3.6	–3.1	5.0	2.2	–.2	–3.9	5.7	–3.3	–4.4	3.0	(X)
1988	1.7	2.1	3.5	–.1	2.5	1.3	.6	–3.1	1.9	4.7	.7	9.0	1.6	5.1	.8	8.6	(X)
1989	1.2	–3.5	–5.4	4.8	–5.3	–5.5	–5.7	14.2	–2.3	–7.1	9.1	–.2	2.9	–5.5	–3.3	1.3	(X)
1990	–27.7	32.2	3.9	–5.9	6.9	3.1	–3.4	–.5	–4.1	.3	–13.6	–9.3	–8.5	10.9	–1.0	–14.0	(X)
1991	7.8	–2.1	–8.8	20.0	4.6	–2.5	13.5	–4.9	6.9	–2.9	–.2	–9.1	–8.5	14.4	12.0	–3.4	(X)
1992	2.9	5.9	1.6	3.5	.3	–1.3	2.9	–.5	–4.7	4.7	3.2	5.1	.7	8.3	.2	5.1	(X)
1993	–	1.9	–.3	–1.9	–1.2	1.3	–4.0	–2.0	5.3	7.1	1.8	2.8	5.6	–1.9	–3.2	12.4	(X)
1994	2.0	.2	.6	–.5	.7	3.0	–3.3	8.4	–3.7	–2.1	6.9	2.3	4.9	1.5	3.0	3.3	(X)
1995	–2.3	–.3	2.3	–7.1	.5	.9	–5.1	7.1	1.7	–1.0	–2.3	1.9	2.0	–5.2	.7	1.4	(X)
1996	–1.1	.8	–8.4	11.0	3.5	–3.9	3.3	–2.5	3.9	–5.4	1.8	–5.2	–2.9	8.0	1.4	–4.3	(X)
1997	10.9	–4.2	–2.3	2.7	–4.1	4.5	7.6	–4.1	–.5	2.2	–2.3	4.4	3.9	–1.7	6.1	.3	(X)
HOME GOODS AND APPAREL—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	12 238	14 499	14 963	13 011	12 889	13 893	13 329	14 786	15 309	14 739	13 425	10 647	41 700	39 793	43 424	38 811	163 728
1988	12 794	14 999	14 403	13 188	12 775	14 864	13 277	15 014	15 746	14 914	14 007	12 024	42 196	40 827	44 037	40 945	168 005
1989	13 952	15 084	15 654	14 167	13 450	14 918	13 492	15 549	16 011	15 877	14 405	12 015	44 690	42 535	45 052	42 297	174 574
1990	13 406	15 187	15 416	13 585	14 054	15 743	13 953	15 968	16 096	15 351	14 506	11 897	44 009	43 382	46 017	41 754	175 162
1991	12 667	14 522	14 754	14 027	13 550	15 195	14 376	16 166	16 687	16 280	15 140	12 557	41 943	42 772	47 229	43 977	175 921
1992	13 530	15 398	15 680	14 895	14 161	16 287	15 325	18 373	17 198	17 460	15 880	13 546	44 608	45 323	48 896	46 886	185 713
1993	15 097	16 894	18 917	15 160	14 945	17 301	15 254	17 428	18 006	17 559	18 798	13 619	48 908	47 406	50 686	47 976	194 976
1994	14 995	16 855	18 069	16 218	18 545	17 729	16 216	18 522	19 360	19 070	17 257	14 669	49 919	50 492	54 098	50 996	205 505
1995	16 641	17 671	18 713	16 706	17 211	18 357	16 324	18 768	19 073	19 157	17 863	14 556	53 025	52 274	54 165	51 576	211 040
1996	15 084	17 200	18 792	16 797	16 758	18 224	16 172	18 543	19 517	19 795	17 965	15 065	51 076	51 779	54 232	52 825	209 912
1997	15 387	18 182	18 685	17 587	17 483	19 459	17 979	19 007	21 510	20 722	19 815	16 609	52 234	54 529	58 496	57 146	222 405
Seasonally Adjusted—Millions of Dollars																	
1987	13 106	13 871	13 770	13 631	13 605	13 486	13 875	13 724	13 841	13 956	13 823	13 113	40 747	40 722	41 440	40 892	(X)
1988	13 570	14 342	13 218	13 743	13 662	14 393	13 873	14 011	14 207	13 867	14 108	14 666	41 128	41 798	42 091	42 641	(X)
1989	15 061	14 505	14 580	14 797	14 346	14 388	14 098	14 571	14 487	14 731	14 505	14 459	44 146	43 531	43 156	43 695	(X)
1990	14 418	14 673	14 551	14 160	14 975	15 160	14 489	14 919	14 589	14 160	14 640	14 202	43 642	44 295	43 997	43 002	(X)
1991	13 765	14 050	14 003	14 581	14 422	14 600	14 924	15 089	15 137	15 000	15 155	15 091	41 818	43 603	45 150	45 246	(X)
1992	14 724	14 969	14 871	15 453	15 078	15 657	15 930	15 258	15 595	16 112	15 828	16 100	44 564	46 186	46 783	48 040	(X)
1993	18 613	18 528	16 040	15 755	15 859	16 581	18 008	16 224	16 270	16 024	16 518	16 219	49 181	48 195	48 502	48 761	(X)
1994	18 518	16 674	17 145	16 921	17 454	17 011	17 108	17 261	17 434	17 248	16 936	17 396	50 337	51 386	51 803	51 580	(X)
1995	18 466	17 685	17 695	17 475	18 049	17 604	17 360	17 624	17 121	17 183	17 494	17 245	53 846	53 128	52 105	51 922	(X)
1996	18 810	17 165	17 810	17 574	17 546	17 358	17 190	17 562	17 457	17 847	17 525	17 636	51 785	52 478	52 209	53 008	(X)
1997	17 490	18 183	17 799	18 563	18 357	18 434	19 020	18 086	19 099	18 654	19 287	19 284	53 472	55 354	56 205	57 225	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.8	5.8	–.7	–1.0	–.2	–.9	2.9	–1.1	.9	.8	–1.0	–5.1	3.1	–.1	1.8	–1.3	(X)
1988	3.5	5.7	–7.9	4.0	–.6	5.4	–3.6	1.0	1.4	–2.4	1.7	4.0	.6	1.6	.7	1.3	(X)
1989	2.7	–3.7	.5	1.5	–3.0	.3	–2.0	3.4	–.6	1.7	–1.5	–.3	3.5	–1.4	–.9	1.2	(X)
1990	–.3	1.8	–.8	–2.7	5.8	1.2	–4.4	3.0	–2.2	–2.9	3.4	–3.0	–.1	1.5	–.7	–2.3	(X)
1991	–3.1	2.1	–.3	4.1	–1.1	1.2	2.2	1.1	.3	–.9	1.0	–.4	–2.8	4.3	3.5	.2	(X)
1992	–2.4	1.7	–.7	3.9	–2.4	3.9	1.7	–4.2	2.2	3.3	–1.8	1.7	–1.5	3.6	1.3	2.7	(X)
1993	3.2	–.5	–3.0	–1.8	.7	4.6	–3.5	1.3	.3	–1.5	3.1	–1.8	2.4	–2.0	.6	.5	(X)
1994	1.8	.9	2.8	–1.3	3.1	–2.5	.6	.9	1.0	–1.1	–1.8	2.7	3.2	2.1	.8	–.4	(X)
1995	6.2	–4.2	.1	–1.2	3.3	–2.5	–1.4	1.5	–2.9	.4	1.8	–1.4	4.4	–1.3	–1.9	–.4	(X)
1996	–2.5	2.1	3.8	–1.3	–.2	–1.1	–1.0	2.2	–.6	2.2	–1.8	.6	–.3	1.3	–.5	1.5	(X)
1997	–.8	4.0	–2.1	4.3	–1.1	.4	3.2	–4.9	5.6	–2.3	3.4	–	.9	3.5	1.5	1.8	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
CONSUMER STAPLES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	39 452	42 415	43 777	42 409	43 271	46 531	43 338	44 660	48 709	45 789	45 432	45 995	125 644	132 211	136 707	137 216	531 778
1988	42 587	44 874	47 253	45 366	46 714	49 923	45 441	48 621	51 478	48 764	48 817	49 261	134 714	142 003	145 540	146 842	569 099
1989	46 544	48 928	51 623	50 050	51 732	53 937	48 484	51 993	55 030	52 809	52 286	52 638	147 095	155 719	155 507	157 733	816 054
1990	49 322	51 644	54 319	51 897	53 588	55 503	51 023	56 778	60 553	59 599	58 633	55 772	155 285	160 988	168 354	174 004	658 631
1991	51 339	53 802	55 533	53 200	56 495	58 094	52 850	56 279	59 707	57 751	57 510	55 229	160 674	167 789	168 836	170 490	667 789
1992	50 611	52 989	56 336	54 262	55 910	60 600	54 972	55 912	62 481	57 915	58 025	58 620	159 938	170 772	173 345	174 560	878 813
1993	52 844	55 299	59 480	55 676	56 529	60 912	55 690	57 719	62 483	58 920	57 813	57 981	167 623	173 117	175 892	174 714	691 346
1994	52 724	55 942	59 061	55 804	57 230	61 179	56 066	61 114	63 648	60 671	60 878	61 865	167 727	174 213	180 828	183 414	706 182
1995	55 977	59 045	61 201	59 276	60 956	64 242	59 535	64 062	66 428	64 362	63 573	63 703	176 223	184 474	190 025	191 638	742 360
1996	59 057	60 740	63 972	63 089	64 635	65 789	63 597	66 943	69 014	69 096	68 122	66 491	183 769	193 513	199 554	203 709	780 545
1997	63 132	63 659	66 607	64 583	67 041	69 312	66 032	69 595	71 446	70 248	69 167	68 743	193 398	200 936	207 073	208 156	809 563
Seasonally Adjusted—Millions of Dollars																	
1987	42 407	43 208	43 044	43 713	43 521	44 375	45 245	44 536	45 216	45 162	45 301	45 512	128 659	131 609	134 997	135 975	(X)
1988	45 857	45 902	46 478	48 752	46 872	47 717	47 543	48 279	47 829	47 870	48 499	48 960	138 237	141 341	143 651	145 329	(X)
1989	50 250	50 232	50 881	51 623	51 847	51 736	50 793	51 456	51 215	51 420	51 579	52 495	151 363	155 206	153 468	155 494	(X)
1990	53 437	53 289	53 646	53 756	53 627	53 355	53 555	58 030	56 544	57 608	57 271	55 828	160 372	160 738	166 129	170 705	(X)
1991	55 773	55 716	54 879	55 226	56 594	55 632	55 232	55 584	55 586	56 013	56 083	55 144	168 368	167 452	168 402	187 240	(X)
1992	55 152	55 013	55 413	56 418	56 075	57 594	57 302	55 244	58 014	56 391	58 900	58 248	165 578	170 087	170 560	171 539	(X)
1993	57 542	57 422	58 556	57 808	56 774	58 117	57 959	56 906	58 092	57 414	57 101	57 513	173 520	172 699	172 957	172 028	(X)
1994	57 243	58 004	58 309	57 899	57 611	58 862	58 283	59 929	59 422	59 095	60 131	81 369	173 556	174 172	177 634	180 595	(X)
1995	60 492	61 240	60 694	61 303	61 326	61 940	61 683	62 625	62 407	62 467	62 678	63 257	182 428	184 569	188 715	188 402	(X)
1996	63 591	63 087	63 675	65 118	64 986	63 716	65 453	65 344	65 254	66 858	68 999	68 203	190 353	193 820	196 051	200 060	(X)
1997	67 733	66 262	66 419	66 741	67 354	67 285	67 727	67 964	67 686	68 004	67 984	68 463	200 414	201 380	203 377	204 451	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–	1.9	–.4	1.6	–.4	2.0	2.0	–1.6	1.5	–.1	.3	.5	1.7	2.3	2.6	.7	(X)
1988	.8	.1	1.3	.6	.3	1.8	–.4	1.5	–.9	.1	1.3	1.0	1.7	2.2	1.6	1.2	(X)
1989	2.6	–	1.3	1.5	.4	–.2	–1.8	1.3	–.5	.4	.3	1.8	4.2	2.5	–1.1	1.3	(X)
1990	1.8	–.3	.7	.2	–.2	–.5	.4	4.6	.9	1.9	–.6	–2.5	3.1	.2	3.4	2.8	(X)
1991	–.1	–.1	–1.5	.6	2.5	–1.7	–.7	.6	–	.8	.1	–1.7	–2.5	.7	–.8	.5	(X)
1992	–	–.3	.7	1.8	–.6	2.7	–.5	–3.8	5.0	–2.8	.9	2.4	–1.0	2.7	.3	.8	(X)
1993	–1.2	–.2	2.0	–1.3	–1.8	2.4	–.3	–1.8	2.1	–1.2	–.5	.7	1.2	–.5	.1	–.5	(X)
1994	–.5	1.3	.5	–.7	–.5	1.8	–.6	2.8	–.8	–.6	1.8	2.1	.9	.4	2.0	1.7	(X)
1995	–1.4	1.2	–.9	1.0	–	1.0	–.4	1.5	–.3	.1	.3	.9	1.0	1.2	1.2	.9	(X)
1996	.5	–.8	.9	2.3	–.2	–2.0	2.7	–.2	–.1	2.5	.2	–1.2	1.0	1.8	1.2	2.0	(X)
1997	2.3	–2.2	.2	.5	.9	–.1	.7	.3	–.4	.5	–	.7	.2	.5	1.0	.5	(X)
MACHINERY AND EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	28 428	32 398	34 043	32 029	34 276	37 403	31 003	30 089	34 839	33 816	33 834	38 804	94 869	103 708	95 931	106 454	400 962
1988	33 229	37 551	39 632	36 894	35 385	41 722	34 868	38 158	41 031	37 778	39 355	46 867	110 412	114 001	114 057	124 000	462 470
1989	38 739	41 538	43 723	42 784	40 356	46 935	36 911	37 010	41 966	38 058	40 102	48 833	124 000	130 075	115 887	126 993	496 955
1990	35 898	38 768	47 819	39 433	40 404	45 169	38 468	37 552	44 951	46 534	37 447	47 998	122 485	125 006	120 971	131 979	500 441
1991	35 368	38 871	40 492	36 170	36 230	39 436	37 971	36 009	41 558	40 047	42 242	38 462	114 731	111 836	115 538	120 751	462 856
1992	34 257	39 103	46 202	40 465	41 904	48 664	34 286	38 807	44 001	41 673	37 896	47 937	119 562	129 033	115 094	127 506	491 195
1993	33 881	42 871	44 800	41 082	41 256	49 122	33 186	38 935	43 946	43 091	44 358	49 012	121 552	131 462	116 067	136 461	505 542
1994	41 539	45 314	51 047	44 482	45 096	54 584	38 013	45 536	51 281	48 011	50 463	52 556	137 900	144 162	134 830	151 030	567 922
1995	44 378	51 236	56 686	47 908	51 203	56 716	39 017	47 644	59 133	53 622	54 498	62 646	152 300	155 827	145 794	170 766	624 687
1996	50 414	55 834	62 342	51 068	56 680	61 309	47 436	50 580	63 584	56 002	54 779	60 579	168 590	169 055	161 600	173 360	672 605
1997	50 573	58 970	63 710	56 163	56 589	66 869	51 369	57 822	66 901	64 202	70 353	66 086	173 253	179 621	178 092	200 641	729 607
Seasonally Adjusted—Millions of Dollars																	
1987	31 927	32 138	31 258	32 003	34 161	34 098	35 194	32 300	32 716	33 815	34 223	38 415	95 323	100 262	100 210	104 453	(X)
1988	37 240	37 619	36 537	36 937	35 380	37 912	39 725	40 386	38 574	37 670	39 946	44 289	111 396	110 229	118 685	121 905	(X)
1989	43 104	41 870	40 383	42 873	40 219	42 797	41 849	39 183	39 361	37 694	40 803	46 380	125 357	125 889	120 393	124 877	(X)
1990	40 430	39 543	44 281	39 729	39 973	40 719	44 015	39 713	42 203	45 944	38 180	45 070	124 254	120 421	125 931	129 194	(X)
1991	40 369	39 754	37 008	36 580	35 984	34 849	43 860	38 295	38 920	39 502	42 756	35 936	117 131	107 413	121 075	118 196	(X)
1992	39 670	39 932	42 046	41 093	41 686	41 400	40 690	39 268	41 043	41 354	38 185	44 295	121 648	124 179	121 001	123 834	(X)
1993	39 731	43 446	40 356	41 678	41 016	43 854	39 887	41 536	40 865	42 794	44 531	44 864	123 533	126 548	122 288	132 189	(X)
1994	47 448	45 609	46 217	45 341	44 886	48 870	48 062	48 183	47 933	47 691	50 586	48 514	139 274	139 097	142 178	146 791	(X)
1995	50 900	51 321	51 429	49 071	51 469	50 744	47 456	50 272	55 259	53 244	54 881	58 276	153 650	151 284	152 987	166 401	(X)
1996	57 150	56 122	56 653	52 317	57 149	54 822	56 506	53 280	59 110	57 751	55 433	55 272	169 925	164 288	168 896	168 456	(X)
1997	58 211	59 242	57 428	57 425	57 295	59 773	61 149	60 747	81 767	64 017	71 330	60 418	174 881	174 493	183 663	195 765	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–2.1	.7	–2.7	2.4	6.7	–.2	3.2	–8.2	1.3	3.4	1.2	8.4	.2	5.2	–.1	4.2	(X)
1988	2.3	1.0	–2.9	1.1	–4.2	7.2	4.8	1.7	–4.5	–2.3	6.0	10.9	6.6	–1.0	7.7	2.7	(X)
1989	–2.7	–2.9	–3.6	6.2	–6.2	6.4	–2.2	–6.4	.5	–4.2	8.2	13.7	2.8	.4	–4.4	3.7	(X)
1990	–12.8	–2.2	12.0	–10.3	.6	1.9	8.1	–9.8	6.3	8.9	–16.9	18.0	–.5	–3.1	4.6	2.8	(X)
1991	–10.4	–1.5	–6.9	–1.2	–1.6	–3.2	25.9	–12.7	1.6	1.5	8.2	–16.0	–9.3	–8.3	12.7	–2.4	(X)
1992	10.4	.7	5.3	–2.3	1.4	–.7	–1.7	–3.5	4.5	.8	–7.7	16.0	2.9	2.1	–2.6	2.3	(X)
1993	–10.3	9.4	–7.1	3.3	–1.6	6.9	–9.0	4.1	–1.6	4.7	4.1	.7	–.2	2.4	–3.4	8.1	(X)
1994	5.8	–3.9	1.3	–1.9	–1.0	8.9	–5.7	4.6	–.5	–.5	6.1	–4.1	5.4	–.1	2.2	3.2	(X)
1995	4.9	.8	.2	–4.6	4.9	–1.4	–6.5	5.9	9.9	–3.6	3.1	6.2	4.7	–1.5	1.1	8.8	(X)
1996	–1.9	–1.8	.9	–7.7	9.2	–4.1	3.1	–5.7	10.9	–2.3	–4.0	–.3	2.1	–3.3	2.8	–.3	(X)
1997	5.3	1.8	–3.1	–	–.2	4.3	2.3	–.7	1.7	3.6	11.4	–15.3	3.8	–.2	5.3	6.6	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
BUSINESS SUPPLIES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	14 925	15 935	16 437	16 246	16 180	16 994	15 901	16 560	17 382	17 524	17 021	16 903	47 297	49 420	49 843	51 448	198 008
1988	16 379	16 928	17 698	17 680	17 319	17 958	16 880	17 950	18 715	18 722	18 425	18 067	51 005	52 957	53 545	55 214	212 721
1989	17 419	18 444	18 836	19 261	18 806	19 316	17 508	18 798	19 604	19 695	19 207	18 095	54 699	57 383	55 910	56 997	224 989
1990	18 425	19 008	19 938	20 083	19 336	19 947	18 358	20 611	21 490	21 693	20 845	19 308	57 371	59 366	60 459	61 846	239 042
1991	19 023	19 385	19 602	19 935	19 794	19 670	18 465	19 868	20 563	20 781	20 314	19 047	58 010	59 399	58 896	60 142	236 447
1992	17 890	18 881	20 202	20 467	20 106	21 030	19 704	19 815	20 982	21 637	20 607	20 582	56 973	61 603	60 501	62 826	241 903
1993	18 957	20 588	21 216	21 160	20 703	21 485	19 365	20 545	21 536	21 813	20 928	19 907	60 761	63 348	61 446	62 648	248 203
1994	18 822	20 416	21 726	21 208	21 813	22 309	20 432	22 287	22 662	22 718	22 651	21 869	60 964	65 330	65 381	67 238	258 913
1995	20 927	22 346	23 117	23 261	23 118	23 993	21 913	23 691	23 727	23 906	23 978	22 698	66 390	70 372	69 331	70 582	276 675
1996	21 547	23 058	23 639	25 197	24 459	25 010	23 253	24 430	24 985	24 688	25 138	23 847	68 244	74 666	72 668	73 673	289 251
1997	22 694	24 261	24 956	25 619	25 217	26 264	24 159	25 450	26 359	26 355	25 797	25 306	71 911	77 100	75 968	77 458	302 437
Seasonally Adjusted—Millions of Dollars																	
1987	15 608	16 101	16 206	16 132	16 255	16 697	16 878	16 572	16 650	16 882	16 941	17 061	47 915	49 084	50 100	50 884	(X)
1988	17 169	17 134	17 426	17 445	17 478	17 639	17 970	17 894	17 928	17 965	18 252	18 458	51 729	52 562	53 792	54 675	(X)
1989	18 360	18 719	18 576	18 931	18 896	19 003	18 632	18 706	18 789	18 843	18 898	18 623	55 655	56 830	56 127	56 364	(X)
1990	19 564	19 381	19 685	19 663	19 424	19 642	19 517	20 446	20 648	20 633	20 443	19 970	58 630	58 729	60 611	61 046	(X)
1991	20 342	19 841	19 358	19 497	19 722	19 286	19 484	19 685	19 752	19 785	19 875	19 689	59 541	58 505	58 921	59 349	(X)
1992	19 347	19 315	19 890	20 028	19 953	20 505	20 758	19 645	20 166	20 636	20 150	21 220	58 552	60 486	60 569	62 006	(X)
1993	20 605	21 064	20 916	20 772	20 545	20 773	20 382	20 333	20 700	20 860	20 535	20 488	62 585	62 090	61 415	61 883	(X)
1994	20 562	20 857	21 380	20 718	21 582	21 529	21 553	22 057	21 866	21 901	22 245	22 526	62 799	63 829	65 476	66 672	(X)
1995	22 838	22 798	22 838	22 773	22 923	23 112	23 138	23 468	22 955	23 180	23 539	23 350	68 474	68 808	69 561	70 069	(X)
1996	23 465	23 536	23 503	24 527	24 237	24 054	24 473	24 179	24 152	23 987	24 694	24 439	70 504	72 818	72 804	73 120	(X)
1997	24 743	24 805	24 844	24 838	24 965	25 160	25 369	25 184	25 419	25 640	25 357	25 822	74 392	74 963	75 972	76 819	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	1.1	3.2	.7	-.5	.8	2.7	1.1	-1.8	.5	1.4	.3	.7	4.6	2.4	2.1	1.6	(X)
1988	.6	-.2	1.7	.1	.2	.9	1.9	-.4	.2	.2	1.6	1.1	1.7	1.6	2.3	1.6	(X)
1989	-.5	2.0	-.8	1.9	-.2	.6	-2.0	.4	.4	.3	.3	-1.5	1.8	2.1	-1.2	.4	(X)
1990	5.1	-.9	1.6	-.1	-1.2	1.1	-.6	4.8	1.0	-.1	-.9	-2.3	4.0	.2	3.2	.7	(X)
1991	1.9	-2.5	-2.4	.7	1.2	-2.2	1.0	1.0	.3	.2	.5	-.9	-2.5	-1.7	.7	.7	(X)
1992	-1.7	-.2	3.0	.7	-.4	2.8	1.2	-5.4	2.7	2.3	-2.4	5.3	-1.3	3.3	.1	2.4	(X)
1993	-2.9	2.2	-.7	-.7	-1.1	1.1	-1.9	-.2	1.8	.8	-1.6	-.2	.9	-.8	-1.1	.8	(X)
1994	.4	1.4	2.5	-3.1	4.2	-.2	.1	2.3	-.9	.2	1.6	1.3	1.5	1.6	2.6	1.8	(X)
1995	1.4	-.2	.2	-.3	.7	.8	.1	1.4	-2.2	1.0	1.5	-.8	2.7	.5	1.1	.7	(X)
1996	.5	.3	-.1	4.4	-1.2	-.8	1.7	-1.2	-.1	-.7	2.9	-1.0	.6	3.3	–	.4	(X)
1997	1.2	.3	.2	–	.5	.8	.8	-.7	.9	.9	-1.1	1.8	1.7	.8	1.3	1.1	(X)
CONSTRUCTION MATERIALS AND SUPPLIES—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	11 274	13 329	13 794	13 730	13 572	14 409	13 629	14 071	14 979	15 111	14 186	13 312	38 397	41 711	42 679	42 609	165 396
1988	12 510	13 938	15 298	14 890	14 899	15 987	13 931	15 041	15 569	15 430	14 523	14 027	41 748	45 776	44 541	43 980	176 043
1989	13 888	14 517	15 248	15 122	15 307	16 019	13 802	15 528	15 825	15 810	14 622	13 858	43 653	46 448	45 155	44 290	179 546
1990	13 370	14 668	15 689	15 390	15 747	16 605	14 798	15 879	16 016	15 592	13 852	13 010	43 727	47 742	46 693	42 454	180 616
1991	12 320	13 131	13 826	14 333	14 735	15 685	14 845	15 262	15 637	15 445	14 173	13 229	39 277	44 753	45 744	42 847	172 621
1992	12 964	14 132	15 384	15 462	15 582	17 198	14 611	16 052	16 913	16 351	15 164	14 572	42 480	48 242	47 576	46 087	184 385
1993	13 924	16 288	18 625	18 369	17 002	17 674	15 520	17 214	17 723	17 432	16 862	15 830	48 837	51 045	50 457	50 124	198 463
1994	15 190	17 007	18 759	18 028	18 456	19 599	17 428	19 354	19 508	19 583	18 743	17 650	50 956	56 083	56 290	55 976	219 305
1995	17 520	18 896	19 237	18 449	19 234	19 889	18 131	20 466	20 322	20 167	18 721	17 210	55 653	57 572	58 919	56 098	228 242
1996	16 958	18 302	19 089	19 452	20 430	21 392	19 822	21 564	21 832	21 494	19 926	18 799	54 349	61 274	63 218	60 219	239 060
1997	18 394	19 992	20 606	21 709	21 283	22 649	21 238	22 306	23 083	22 585	20 451	19 470	58 992	65 641	66 627	62 506	253 766
Seasonally Adjusted—Millions of Dollars																	
1987	12 887	13 883	13 427	13 383	13 293	13 322	14 060	13 818	14 064	14 349	14 630	14 675	40 197	39 978	41 742	43 654	(X)
1988	14 182	14 511	14 897	14 518	14 592	14 758	14 458	14 513	14 600	14 675	14 894	15 423	43 590	43 868	43 571	44 992	(X)
1989	15 752	15 172	14 853	14 865	14 983	14 736	14 339	14 953	14 830	15 019	14 990	15 165	45 777	44 584	44 122	45 174	(X)
1990	15 206	15 419	15 321	15 197	15 391	15 252	15 307	15 194	14 998	14 846	14 199	14 157	45 946	45 840	45 499	43 202	(X)
1991	14 043	13 695	13 523	14 199	14 385	14 389	15 298	14 566	14 645	14 761	14 553	14 457	41 261	42 973	44 509	43 771	(X)
1992	14 819	14 817	15 142	15 317	15 180	15 940	15 050	15 269	15 826	15 635	15 525	15 926	44 578	46 437	46 145	47 086	(X)
1993	15 888	16 730	18 375	18 255	18 550	16 369	16 036	16 309	16 588	16 648	17 193	17 397	48 993	49 174	48 933	51 238	(X)
1994	17 248	17 427	18 552	17 983	17 985	18 281	18 108	18 365	18 315	18 713	19 039	19 283	53 225	54 249	54 788	57 035	(X)
1995	19 899	19 444	19 052	18 443	18 787	18 554	18 797	19 444	19 031	19 192	19 039	18 790	58 195	55 764	57 272	57 021	(X)
1996	19 098	18 895	18 948	19 389	19 945	19 976	20 404	20 511	20 431	20 406	20 341	20 478	56 939	59 310	61 346	61 225	(X)
1997	20 722	20 798	20 516	21 582	20 792	21 131	21 681	21 270	21 548	21 521	20 975	21 187	62 036	63 505	64 499	63 683	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	-.4	7.7	-3.3	-.5	-.5	.2	5.5	-3.1	3.3	2.0	2.0	.3	3.9	-.5	4.4	4.6	(X)
1988	-3.4	2.3	2.7	-2.5	.5	1.1	-2.0	.4	.6	.5	1.5	3.6	-.1	.6	-.7	3.3	(X)
1989	2.1	-3.7	-2.1	.1	.8	-1.6	-2.7	4.3	-.8	1.3	-.2	1.2	1.7	-2.6	-1.0	2.4	(X)
1990	.3	1.4	-.8	-.8	1.3	-.9	.4	-.7	-1.3	-1.0	-4.4	-.3	1.7	-.2	-.7	-5.0	(X)
1991	-.8	-2.5	-1.3	5.0	1.3	–	6.3	-4.8	.5	.8	-1.4	-.7	-4.5	4.1	3.6	-1.7	(X)
1992	2.5	-1.4	3.6	1.2	-.9	5.0	-5.6	1.5	3.6	-1.2	-.7	2.6	1.8	4.2	-.6	2.0	(X)
1993	-.2	5.3	-2.1	-.7	1.8	-1.1	-2.0	1.7	1.7	.4	3.3	1.2	4.1	.4	-.5	4.7	(X)
1994	-.9	1.0	8.5	-3.1	–	1.6	-.9	1.4	-.3	2.2	1.7	1.3	3.9	1.9	1.0	4.1	(X)
1995	2.2	-1.3	-2.0	-3.2	1.8	-1.1	1.3	3.4	-2.1	.8	-.8	-1.3	2.0	-4.2	2.7	-.4	(X)
1996	1.8	-1.1	.3	2.3	2.9	.2	2.1	.5	-.4	-.1	-.3	.7	-.1	4.2	3.4	-.2	(X)
1997	1.2	.4	-1.4	5.2	-3.7	1.8	2.6	-1.9	1.3	-.1	-2.5	1.0	1.3	2.4	1.6	-1.3	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
DEFENSE PRODUCTS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	6 877	7 318	10 976	9 786	7 848	8 932	7 951	7 489	10 213	9 330	10 743	11 492	25 171	26 566	25 653	31 565	108 955
1988	7 729	8 862	9 282	5 772	7 742	7 991	5 615	5 290	9 241	9 779	9 049	15 416	25 873	21 505	20 146	34 244	101 768
1989	6 383	7 156	10 459	6 336	4 636	6 515	5 547	4 822	10 480	7 681	12 224	11 549	23 998	17 487	20 849	31 454	93 788
1990	6 741	8 290	10 326	6 790	8 243	8 178	5 801	6 844	9 471	7 662	8 111	10 645	25 357	23 211	22 116	26 418	97 102
1991	5 836	7 437	6 927	5 619	7 960	7 148	6 884	8 286	6 514	8 249	5 937	11 135	20 200	20 727	21 684	25 321	87 932
1992	6 287	5 193	7 302	6 239	4 980	6 899	4 460	4 954	6 385	7 783	7 815	10 197	18 782	18 118	15 799	25 795	78 494
1993	7 231	5 239	8 018	5 958	4 171	5 383	5 919	5 797	6 552	6 022	5 780	7 460	20 488	15 512	18 268	19 262	73 530
1994	6 886	5 336	5 867	4 779	5 822	6 701	5 260	4 379	7 168	6 756	5 125	12 204	18 089	17 302	16 807	24 085	76 283
1995	5 820	6 302	9 186	4 838	4 830	5 611	4 550	6 162	7 894	5 965	5 329	10 111	21 308	15 279	18 606	21 405	76 598
1996	7 091	5 022	11 661	5 254	5 074	8 442	3 286	4 058	5 504	5 071	8 852	11 830	23 774	18 770	12 848	25 753	81 145
1997	5 373	5 866	7 825	5 870	4 420	6 773	4 341	4 565	5 687	4 950	6 439	9 957	19 064	17 063	14 593	21 346	72 066
Seasonally Adjusted—Millions of Dollars																	
1987	7 378	7 179	9 834	10 902	9 875	9 897	9 820	9 214	8 702	9 290	8 865	7 624	24 391	30 674	27 736	25 779	(X)
1988	8 685	8 614	8 533	7 051	9 428	8 747	7 279	7 039	7 628	9 832	6 948	11 670	25 832	25 226	21 946	28 450	(X)
1989	7 696	7 095	9 827	7 567	6 093	6 817	7 147	6 495	8 958	7 547	10 249	8 076	24 618	20 477	22 600	25 872	(X)
1990	8 154	8 509	9 554	8 123	9 572	8 206	7 400	8 351	8 281	7 280	6 599	7 373	26 217	25 901	24 032	21 252	(X)
1991	7 094	7 889	6 005	6 839	9 161	6 990	8 241	9 585	5 677	7 814	4 991	8 014	20 988	22 990	23 503	20 819	(X)
1992	7 196	5 983	6 061	7 367	6 110	6 744	5 697	5 955	5 879	7 551	7 258	6 986	19 240	20 221	17 531	21 795	(X)
1993	7 901	6 102	6 692	6 852	5 336	5 084	7 146	6 747	6 169	5 798	5 612	4 612	20 695	17 272	20 062	16 022	(X)
1994	7 437	6 088	4 433	5 461	6 955	6 387	6 515	5 330	6 901	6 700	5 114	9 216	17 958	18 803	18 746	21 030	(X)
1995	6 359	6 948	7 678	5 470	5 925	5 210	5 954	7 209	7 709	6 042	5 274	6 900	20 985	16 605	20 872	18 216	(X)
1996	7 630	5 494	10 062	5 883	6 219	8 059	4 836	5 188	5 326	5 297	8 801	8 284	23 186	20 161	15 350	22 382	(X)
1997	5 718	6 266	6 396	6 497	5 613	6 292	5 990	5 769	5 571	5 184	6 214	6 731	18 380	18 402	17 330	18 129	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–8.7	–2.7	37.0	10.9	–9.4	.2	–.8	–6.2	–5.6	6.8	–4.6	–14.0	–.8	25.8	–9.6	–7.1	(X)
1988	13.9	–.8	–.9	–17.4	33.7	–7.2	–16.8	–3.3	8.4	28.9	–29.3	68.0	.2	–2.3	–13.0	29.6	(X)
1989	–34.1	–7.8	38.5	–23.0	–19.5	11.9	4.8	–9.1	37.9	–15.8	35.8	–21.2	–13.5	–16.8	10.4	14.5	(X)
1990	1.0	4.4	12.3	–15.0	17.8	–14.3	–9.8	12.9	–.8	–12.1	–9.4	11.7	1.3	–1.2	–7.2	–11.6	(X)
1991	–3.8	11.2	–23.9	13.9	34.0	–23.7	17.9	16.3	–40.8	37.6	–36.1	60.6	–1.2	9.5	2.2	–11.4	(X)
1992	–10.2	–16.9	1.3	21.5	–17.1	10.4	–15.5	4.5	–1.3	28.4	–3.9	–3.7	–7.6	5.1	–13.3	24.3	(X)
1993	13.1	–22.8	9.7	2.4	–22.1	–4.7	40.6	–5.6	–8.6	–6.0	–3.2	–17.8	–5.0	–16.5	16.2	–20.1	(X)
1994	61.3	–18.1	–27.2	23.2	27.4	–8.2	2.0	–18.2	29.5	–2.9	–23.7	80.2	12.1	4.7	–.3	12.2	(X)
1995	–31.0	9.3	10.5	–28.8	8.3	–12.1	14.3	21.1	6.9	–21.6	–12.7	30.8	–.2	–20.9	25.7	–12.7	(X)
1996	10.6	–28.0	83.1	–41.5	5.7	29.6	–40.0	7.3	2.7	–.5	66.2	–5.9	27.3	–13.0	–23.9	45.8	(X)
1997	–31.0	9.6	2.1	1.6	–13.6	12.1	–4.8	–3.7	–3.4	–6.9	19.9	8.3	–17.9	.1	–5.8	4.6	(X)
OTHER MATERIALS, SUPPLIES, AND INTERMEDIATE PRODUCTS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	61 017	69 519	73 237	70 046	68 462	73 535	66 141	68 273	73 731	73 467	70 481	70 662	203 773	212 043	208 145	214 610	838 571
1988	70 777	76 459	80 083	78 019	77 878	82 377	72 334	77 974	82 754	81 347	77 990	78 844	227 319	238 274	233 062	238 181	936 836
1989	79 836	84 520	86 338	83 758	81 564	85 441	73 671	78 740	82 477	80 207	78 536	75 482	250 694	250 763	234 888	234 225	970 570
1990	75 191	81 608	87 066	82 982	83 632	84 681	74 654	82 806	84 636	84 135	78 183	73 337	243 865	251 295	242 096	235 655	972 911
1991	74 867	79 437	79 840	80 212	81 388	82 595	77 316	81 717	83 498	82 208	79 655	73 308	234 144	244 195	242 531	235 171	956 041
1992	75 878	82 038	85 466	85 121	83 146	88 399	77 861	82 887	85 764	86 214	82 503	82 443	243 382	256 666	246 512	251 160	997 720
1993	82 235	89 191	90 419	88 521	86 324	91 367	79 191	85 715	89 612	89 984	87 676	85 560	261 845	266 212	254 518	263 220	1 045 795
1994	87 253	93 283	100 403	96 498	97 171	100 498	86 771	99 488	101 844	102 047	101 561	100 168	280 939	294 167	288 103	303 776	1 166 985
1995	103 151	109 237	112 662	107 480	108 157	111 731	98 115	108 423	109 622	111 022	105 678	101 819	325 050	327 368	316 160	318 519	1 287 097
1996	103 595	107 830	108 726	110 183	111 668	114 772	102 767	110 873	113 298	117 684	110 217	102 858	320 151	336 623	326 938	330 759	1 314 471
1997	110 101	118 284	117 795	117 039	115 934	120 431	103 818	119 980	122 155	121 845	113 965	111 524	346 180	353 404	345 953	347 334	1 392 871
Seasonally Adjusted—Millions of Dollars																	
1987	63 650	66 865	68 537	68 532	68 228	70 342	71 639	70 010	71 822	72 636	72 660	73 758	199 052	207 102	213 471	219 054	(X)
1988	73 702	73 931	75 115	76 367	77 400	78 706	78 668	79 530	80 342	80 196	79 968	82 831	222 748	232 473	238 540	242 995	(X)
1989	83 312	82 338	81 552	82 048	80 758	81 681	79 878	79 581	79 897	78 698	80 223	79 741	247 202	244 487	239 356	238 662	(X)
1990	78 757	80 171	82 723	81 293	82 570	80 856	80 837	83 032	82 186	82 310	79 818	77 580	241 651	244 719	246 055	239 708	(X)
1991	78 433	78 380	76 199	78 559	80 217	78 681	83 217	81 730	81 255	80 254	81 407	77 950	233 012	237 457	246 202	239 611	(X)
1992	79 619	80 803	81 294	83 310	82 014	83 983	84 223	83 068	83 572	83 977	84 605	87 261	241 716	249 307	250 863	255 843	(X)
1993	85 981	87 712	86 110	86 642	85 178	86 703	86 003	85 762	87 352	87 577	89 882	90 650	259 803	258 523	259 117	268 109	(X)
1994	90 959	91 610	95 749	94 647	95 949	95 592	94 897	99 146	99 449	99 476	103 877	106 036	278 318	286 188	293 492	309 389	(X)
1995	107 179	107 397	107 670	105 624	106 922	106 617	106 619	108 057	106 984	107 306	108 315	107 791	322 246	319 163	321 660	323 412	(X)
1996	107 276	106 231	104 552	108 252	110 402	109 546	111 825	110 492	110 358	113 425	112 890	108 900	318 059	328 200	332 675	335 215	(X)
1997	114 307	116 468	113 852	114 966	114 570	115 062	112 948	119 761	118 772	117 011	116 947	118 234	344 627	344 598	351 481	352 192	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–4.0	5.1	2.5	–	–.4	3.1	1.8	–2.3	2.6	1.1	–	1.5	2.8	4.0	3.1	2.6	(X)
1988	–.1	.3	1.6	1.7	1.4	1.7	–	1.1	1.0	–.2	–.3	3.6	1.7	4.4	2.6	1.9	(X)
1989	.6	–1.2	–1.0	.6	–1.6	1.1	–2.2	–.4	.4	–1.5	1.9	–.6	1.7	–1.1	–2.1	–.3	(X)
1990	–1.2	1.8	3.2	–1.7	1.6	–2.1	–	2.7	–1.0	.2	–3.0	–2.8	1.3	1.3	.5	–2.6	(X)
1991	1.1	–.1	–2.8	3.1	2.1	–1.9	5.8	–1.8	–.6	–1.2	1.4	–4.2	–2.8	1.9	3.7	–2.7	(X)
1992	2.1	1.5	.6	2.5	–1.6	2.4	.3	–1.4	.6	.5	.7	3.1	.9	3.1	.6	2.0	(X)
1993	–1.5	2.0	–1.8	.6	–1.7	1.8	–.8	–.3	1.9	.3	2.6	.9	1.5	–.5	.2	3.5	(X)
1994	.3	.7	4.5	–1.2	1.4	–.4	–.7	4.5	.3	–	4.4	2.1	3.8	2.8	2.6	5.4	(X)
1995	1.1	.2	.3	–1.9	1.2	–.3	–	1.3	–1.0	.3	.9	–.5	4.2	–1.0	.8	.5	(X)
1996	–.5	–1.0	–1.6	3.5	2.0	–.8	2.1	–1.2	–.1	2.8	–.5	–3.5	–1.7	3.2	1.4	.8	(X)
1997	5.0	1.9	–2.2	1.0	–.3	.4	–1.8	6.0	–.8	–1.5	–.1	1.1	2.8	–	2.0	.2	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
NONDEFENSE CAPITAL GOODS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	21 222	23 933	25 716	24 152	26 039	29 393	25 607	23 985	27 722	25 880	26 696	32 782	70 871	79 584	77 314	85 358	313 127
1988	27 450	30 115	31 252	28 867	26 786	33 736	28 946	32 911	34 347	29 390	30 906	38 588	88 817	89 389	96 204	98 884	373 294
1989	30 920	32 020	35 117	33 001	30 709	37 614	32 722	28 504	32 651	28 685	32 004	41 908	98 057	101 324	93 877	102 597	395 855
1990	29 704	30 236	38 521	31 006	30 456	35 343	31 937	29 244	36 675	35 504	29 172	42 168	98 461	96 805	97 856	106 844	399 966
1991	28 652	31 686	33 901	26 917	26 519	31 657	32 619	28 423	32 108	28 740	33 168	31 265	94 239	85 093	93 150	93 173	365 655
1992	26 724	29 708	36 926	30 373	30 942	36 814	26 743	27 405	35 204	30 828	27 482	39 144	93 358	98 129	89 352	97 454	378 293
1993	23 995	32 112	33 847	30 065	29 622	38 470	25 231	29 425	33 409	30 805	33 358	39 990	89 954	98 157	88 065	104 153	380 329
1994	31 053	33 564	38 944	31 997	32 099	41 934	29 831	33 714	39 867	35 271	38 294	41 796	103 561	106 030	103 412	115 361	428 364
1995	33 386	38 129	44 192	34 952	39 259	45 054	31 368	36 283	47 639	39 712	43 176	52 984	115 707	119 265	115 290	135 872	486 134
1996	39 886	42 974	51 417	37 653	43 098	49 129	39 328	38 485	52 020	46 435	43 646	51 504	134 277	129 880	129 833	141 585	535 575
1997	38 909	45 443	51 043	41 799	42 986	54 795	41 350	44 856	54 923	49 174	57 652	55 048	135 395	139 580	141 129	161 874	577 978
Seasonally Adjusted—Millions of Dollars																	
1987	24 540	24 126	23 383	24 873	26 810	26 742	28 233	25 427	25 471	26 742	27 018	29 338	72 049	78 425	79 131	83 098	(X)
1988	31 190	30 514	28 648	29 701	27 821	30 546	31 990	34 449	31 740	30 423	31 445	34 664	90 352	88 068	98 179	96 532	(X)
1989	34 708	32 636	32 369	33 956	31 746	34 004	35 873	30 084	29 868	29 592	32 660	37 944	99 713	99 706	95 825	100 196	(X)
1990	33 710	31 239	35 679	32 099	31 305	31 321	35 521	30 858	33 736	36 525	29 888	37 697	100 628	94 725	100 115	104 110	(X)
1991	32 962	32 776	30 923	28 110	27 495	27 339	36 554	30 139	29 364	29 918	33 819	27 098	96 661	82 944	96 057	90 835	(X)
1992	31 378	30 874	33 353	31 837	32 120	31 802	31 102	29 338	32 128	32 089	28 006	33 658	95 605	95 759	92 568	93 753	(X)
1993	29 011	33 231	29 903	31 685	30 843	33 492	29 599	31 539	30 186	32 005	33 799	34 119	92 145	96 020	91 324	99 923	(X)
1994	36 135	34 680	34 657	34 109	33 475	36 600	34 780	35 949	36 319	36 158	38 656	35 926	105 472	104 184	107 048	110 740	(X)
1995	39 164	39 408	39 567	37 545	40 962	39 266	36 742	38 778	43 385	40 630	43 730	46 727	118 139	117 773	118 905	131 087	(X)
1996	45 933	44 532	46 136	40 417	45 054	42 638	45 160	41 240	47 118	47 413	44 370	44 169	136 601	128 109	133 518	135 952	(X)
1997	45 919	47 009	45 288	44 763	45 110	47 617	47 731	47 903	49 303	50 450	58 759	47 027	138 216	137 490	144 937	156 236	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	–3.4	–1.7	–3.1	6.4	7.8	–.3	5.6	–9.9	.2	5.0	1.0	8.6	–2.9	8.8	.9	5.0	(X)
1988	6.3	–2.2	–6.1	3.7	–6.3	9.8	4.7	7.7	–7.9	–4.1	3.4	10.2	8.7	–2.5	11.5	–1.7	(X)
1989	.1	–6.0	–.8	4.9	–6.5	7.1	5.5	–16.1	–.7	–.9	10.4	16.2	3.3	–	–3.9	4.6	(X)
1990	–11.2	–7.3	14.2	–10.0	–2.5	.1	13.4	–13.1	9.3	8.3	–18.2	26.1	.4	–5.9	5.7	4.0	(X)
1991	–12.6	–.6	–5.7	–9.1	–2.2	–.6	33.7	–17.5	–2.6	1.9	13.0	–19.9	–7.2	–14.2	15.8	–5.4	(X)
1992	15.8	–1.6	8.0	–4.5	.9	–1.0	–2.2	–5.7	9.5	–.1	–12.7	20.2	5.3	.2	–3.3	1.3	(X)
1993	–13.8	14.5	–10.0	6.0	–2.7	8.6	–11.6	6.6	–4.3	6.0	5.6	.9	–1.7	4.2	–4.9	9.4	(X)
1994	5.9	–4.0	–.1	–1.6	–1.9	9.3	–5.0	3.4	1.0	–.4	6.9	–7.1	5.6	–1.2	2.7	3.4	(X)
1995	9.0	.6	.4	–5.1	9.1	–4.1	–6.4	5.5	11.9	–6.4	7.6	6.9	6.7	–.3	1.0	10.2	(X)
1996	–1.7	–3.1	3.6	–12.4	11.5	–5.4	5.9	–8.7	14.3	.6	–6.4	–.5	4.2	–6.2	4.2	1.8	(X)
1997	4.0	2.4	–3.7	–1.2	.8	5.6	.2	.4	2.9	2.3	16.5	–20.0	1.7	–.5	5.4	7.8	(X)
NONDEFENSE CAPITAL GOODS, EXCLUDING AIRCRAFT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	17 732	20 607	21 778	20 359	20 376	24 916	19 858	20 041	24 398	21 769	21 946	25 070	60 117	65 651	64 297	68 785	258 850
1988	21 340	23 483	26 329	23 042	23 076	26 046	22 026	24 839	27 580	23 409	23 766	26 745	71 152	72 164	74 445	73 920	291 681
1989	22 314	25 034	26 750	23 789	23 962	30 368	20 560	22 463	27 582	22 293	23 892	28 144	74 098	78 119	70 605	74 329	297 151
1990	22 647	24 881	27 378	24 163	24 522	28 057	23 043	23 240	27 939	25 355	23 076	27 326	74 906	76 742	74 222	75 757	301 627
1991	21 817	23 207	24 524	22 233	23 402	25 510	21 264	22 368	26 921	23 065	23 300	25 541	69 548	71 145	70 553	71 906	283 152
1992	22 195	24 092	27 800	23 766	24 269	29 738	22 696	23 697	29 453	25 431	25 257	31 181	74 087	77 773	75 846	81 869	309 575
1993	22 693	25 863	29 694	25 880	25 337	30 161	23 123	25 479	30 834	27 843	29 093	35 278	78 250	81 378	79 436	92 214	331 278
1994	25 229	29 353	34 588	29 256	29 135	37 061	27 643	30 436	35 547	32 529	32 844	36 539	89 170	95 452	93 626	101 912	380 160
1995	30 196	33 049	39 148	31 209	33 487	40 564	27 950	32 059	39 583	34 707	35 919	40 543	102 393	105 260	99 592	111 169	418 414
1996	31 658	37 229	41 691	34 019	35 075	42 809	33 089	34 646	41 942	37 989	37 519	42 418	110 578	111 903	109 677	117 926	450 084
1997	32 443	39 396	44 946	36 732	37 547	46 238	36 656	37 620	48 410	41 768	40 397	47 948	116 785	120 517	122 686	130 113	490 101
Seasonally Adjusted—Millions of Dollars																	
1987	20 387	20 681	19 846	21 027	20 975	22 614	22 228	21 137	22 377	22 481	22 196	22 778	60 914	64 616	65 742	67 455	(X)
1988	24 212	23 729	24 192	23 783	23 856	23 318	24 721	25 972	25 258	24 214	24 182	23 906	72 133	70 957	75 951	72 302	(X)
1989	25 204	25 475	24 597	24 617	24 736	27 346	23 259	23 538	25 180	22 953	24 427	25 441	75 276	76 699	71 977	72 821	(X)
1990	25 510	25 612	25 153	25 125	25 040	24 911	25 974	24 272	25 473	26 008	23 613	24 812	76 275	75 076	75 719	74 433	(X)
1991	24 618	23 990	22 318	23 282	23 916	22 300	24 317	23 489	24 716	23 657	23 744	23 106	70 926	69 498	72 522	70 507	(X)
1992	25 287	24 878	25 253	25 120	25 008	26 077	26 194	25 109	26 866	26 047	25 565	27 748	75 418	76 205	78 169	79 360	(X)
1993	26 243	26 668	26 606	27 374	26 143	26 464	26 880	27 069	28 028	28 488	29 386	31 200	79 517	79 981	81 977	89 074	(X)
1994	29 069	30 212	31 118	31 246	30 212	32 702	31 994	32 270	32 380	32 935	33 027	32 156	90 399	94 160	96 644	98 118	(X)
1995	34 874	34 032	35 155	33 698	34 881	35 739	32 800	34 172	35 716	35 163	36 272	35 837	104 061	104 318	102 688	107 272	(X)
1996	36 838	38 528	36 949	36 678	36 714	37 121	38 451	36 974	37 427	38 395	38 022	36 983	112 315	110 513	112 852	113 400	(X)
1997	38 286	40 656	39 893	39 586	39 311	40 041	42 413	40 187	43 292	42 481	41 265	42 047	118 835	118 938	125 892	125 793	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	.9	1.4	–4.0	6.0	–.2	7.8	–1.7	–4.9	5.9	.5	–1.3	2.6	1.8	6.1	1.7	2.6	(X)
1988	6.3	–2.0	2.0	–1.7	.3	–2.3	6.0	5.1	–2.7	–4.1	–.1	–1.1	6.9	–1.6	7.0	–4.8	(X)
1989	5.4	1.1	–3.4	.1	.5	10.6	–14.9	1.2	7.0	–8.8	6.4	4.2	4.1	1.9	–6.2	1.2	(X)
1990	.3	.4	–1.8	–.1	–.3	–.5	4.3	–6.6	4.9	2.1	–9.2	5.1	4.7	–1.6	.9	–1.7	(X)
1991	–.8	–2.6	–7.0	4.3	2.7	–6.8	9.0	–3.4	5.2	–4.3	.4	–2.7	–4.7	–2.0	4.4	–2.8	(X)
1992	9.4	–1.6	1.5	–.5	–.4	4.3	.4	–4.1	7.0	–3.0	–1.9	8.5	7.0	1.0	2.6	1.5	(X)
1993	–5.4	1.6	–.2	2.9	–4.5	1.2	1.6	.7	3.5	1.6	3.2	6.2	.2	.6	2.5	8.7	(X)
1994	–6.8	3.9	3.0	.4	–3.3	8.2	–2.2	.9	.3	1.7	.3	–2.6	1.5	4.2	2.6	1.5	(X)
1995	8.5	–2.4	3.3	–4.1	3.5	2.5	–8.2	4.2	4.5	–1.5	3.2	–1.2	6.1	.2	–1.6	4.5	(X)
1996	2.8	4.6	–4.1	–.7	.1	1.1	3.6	–3.8	1.2	2.6	–1.0	–2.7	4.7	–1.6	2.1	.5	(X)
1997	3.5	6.2	–1.9	–.8	–.7	1.9	5.9	–5.2	7.7	–1.9	–2.9	1.9	4.8	.1	5.8	–.1	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	DEFENSE CAPITAL GOODS—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	7 039	7 529	11 815	10 075	7 754	9 405	8 130	7 497	10 360	9 620	10 746	11 669	26 383	27 234	25 987	32 035	111 639
1988	7 955	8 676	9 520	6 530	7 733	8 163	5 532	5 133	9 094	9 925	8 952	15 515	26 151	22 426	19 759	34 392	102 728
1989	6 667	7 049	11 048	6 075	4 189	6 522	5 212	4 754	10 340	7 779	12 196	11 567	24 764	16 786	20 306	31 542	93 398
1990	6 466	8 067	10 364	6 857	8 357	8 095	5 525	6 631	9 493	7 878	8 119	10 786	24 897	23 309	21 649	26 783	96 638
1991	5 818	7 514	6 914	5 579	7 985	7 278	6 817	8 127	6 384	8 115	5 853	10 829	20 246	20 842	21 328	24 797	87 213
1992	6 286	5 134	7 251	6 334	4 514	6 522	4 206	4 487	6 044	7 480	7 600	10 297	18 671	17 370	14 737	25 377	78 155
1993	7 228	5 254	7 820	5 759	4 091	5 154	5 778	5 446	6 478	5 699	5 666	7 531	20 302	15 004	17 702	18 896	71 904
1994	6 268	4 857	5 480	4 810	5 335	6 213	4 750	4 179	6 772	6 452	4 667	11 900	16 605	16 358	15 701	23 019	71 683
1995	5 333	5 937	8 634	4 364	4 336	5 202	3 843	5 703	7 301	5 657	4 976	9 617	19 904	13 902	16 847	20 250	70 903
1996	6 964	4 619	11 363	4 885	4 627	8 202	2 985	3 623	5 394	4 638	8 368	11 615	22 946	17 714	12 002	24 621	77 283
1997	5 259	5 583	7 548	5 474	3 912	6 370	3 796	4 042	5 382	4 419	6 124	9 797	18 390	15 756	13 220	20 340	67 706
	Seasonally Adjusted—Millions of Dollars																
1987	7 549	7 431	10 427	11 177	10 054	10 260	10 097	9 359	8 936	9 498	8 952	7 609	25 407	31 491	28 392	26 059	(X)
1988	8 889	8 440	8 570	7 775	9 819	8 849	7 288	7 048	7 528	9 898	6 921	11 659	25 899	26 243	21 862	28 478	(X)
1989	7 894	6 973	10 218	7 250	5 825	8 782	6 893	6 584	8 868	7 608	10 210	7 917	25 085	19 857	22 345	25 735	(X)
1990	7 766	8 270	9 436	8 158	9 832	8 117	7 247	8 280	8 353	7 449	6 589	7 355	25 472	26 107	23 880	21 393	(X)
1991	6 957	7 952	5 866	6 758	9 331	7 129	8 300	9 549	5 612	7 600	4 906	7 680	20 775	23 218	23 461	20 188	(X)
1992	7 123	5 884	5 915	7 444	5 744	6 398	5 570	5 588	5 574	7 217	7 028	6 961	18 922	19 588	16 732	21 206	(X)
1993	7 815	6 080	6 429	6 652	5 345	4 884	7 119	6 490	6 108	5 482	5 492	4 654	20 324	16 881	19 717	15 628	(X)
1994	6 674	5 574	3 987	5 461	6 541	5 934	6 081	5 216	6 501	6 433	4 647	8 858	16 235	17 936	17 798	19 938	(X)
1995	5 701	6 564	7 066	4 978	5 513	4 839	5 333	8 840	7 108	5 777	4 914	6 312	19 331	15 330	19 279	17 003	(X)
1996	7 374	5 081	9 695	5 516	5 846	7 836	4 621	4 845	5 194	4 915	8 315	8 003	22 150	19 198	14 660	21 233	(X)
1997	5 472	5 974	6 032	6 103	5 198	5 904	5 536	5 327	5 247	4 705	5 915	6 496	17 478	17 205	16 110	17 118	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–6.0	–1.6	40.3	7.2	–10.0	2.0	–1.6	–7.3	–4.5	6.3	–5.7	–15.0	.9	23.9	–9.8	–8.2	(X)
1988	16.8	–5.1	1.5	–9.3	23.7	–8.0	–17.8	–3.3	8.8	31.5	–30.1	68.5	–.6	1.3	–16.7	30.3	(X)
1989	–32.3	–11.7	46.5	–29.0	–19.7	16.4	1.6	–4.5	34.7	–14.2	34.2	–22.5	–11.9	–20.8	12.5	15.2	(X)
1990	–1.9	6.5	14.1	–13.5	20.5	–17.4	–10.7	14.3	.9	–10.8	–11.5	11.8	–1.0	2.5	–8.5	–10.4	(X)
1991	–5.4	14.3	–26.2	15.2	38.1	–23.6	16.4	15.0	–41.2	35.4	–35.4	56.5	–2.9	11.8	1.0	–14.0	(X)
1992	–7.3	–17.4	.5	25.8	–22.8	11.4	–12.9	.3	–.3	29.5	–2.6	–1.0	–6.3	3.5	–14.8	28.7	(X)
1993	12.3	–22.2	5.7	3.5	–19.6	–8.6	45.8	–8.8	–5.9	–10.2	.2	–15.3	–4.2	–16.9	16.8	–20.7	(X)
1994	43.4	–16.5	–28.5	37.0	19.8	–9.3	2.5	–14.2	24.6	–1.0	–27.8	90.8	3.9	10.5	–.8	12.0	(X)
1995	–35.8	15.1	7.6	–29.5	10.7	–12.2	10.2	28.3	3.9	–18.7	–14.9	28.4	–3.0	–20.7	25.8	–11.8	(X)
1996	18.8	–31.1	90.8	–43.1	6.0	34.0	–41.0	4.8	7.2	–5.4	69.2	–3.8	30.3	–13.3	–23.6	44.8	(X)
1997	–31.8	9.2	1.0	1.2	–14.8	13.6	–6.2	–3.8	–1.5	–10.3	25.7	9.8	–17.7	–1.8	–6.4	8.2	(X)
	DURABLE GOODS, EXCLUDING CAPITAL GOODS—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	66 790	77 635	80 625	76 243	75 745	79 333	67 700	71 935	79 351	80 769	76 437	72 383	225 050	231 321	218 988	229 589	904 948
1988	73 560	82 288	88 285	82 815	84 107	87 818	72 372	79 228	88 749	88 174	83 848	81 852	242 133	254 540	238 349	253 872	988 894
1989	84 044	90 331	90 654	89 882	87 254	89 040	70 041	83 418	89 127	87 681	84 264	77 675	265 029	266 178	242 586	249 620	1 023 411
1990	74 707	88 121	92 228	86 958	90 880	91 568	75 484	85 570	87 590	90 179	79 306	89 808	253 056	269 404	248 644	239 293	1 010 397
1991	73 095	79 070	79 107	83 820	85 469	85 494	78 128	84 060	89 284	90 703	84 944	74 165	231 272	254 783	249 452	249 812	985 319
1992	77 536	88 725	90 078	90 820	90 838	94 981	77 630	88 294	91 421	95 553	90 279	87 091	254 339	278 639	257 345	272 923	1 061 246
1993	87 782	97 991	99 088	96 378	95 588	99 376	80 977	92 658	99 402	103 917	98 654	92 950	284 841	291 342	273 037	295 521	1 144 741
1994	96 899	105 680	112 118	107 911	109 904	112 660	90 248	110 204	112 955	115 233	113 219	107 432	314 695	330 475	313 407	335 884	1 294 481
1995	111 356	119 543	121 845	115 495	115 812	118 172	97 324	117 510	119 815	124 953	115 084	107 852	352 544	349 479	334 449	347 869	1 384 341
1996	110 064	118 352	118 493	120 932	123 200	124 659	104 785	121 674	125 262	130 189	119 933	108 135	344 909	368 791	351 721	358 257	1 423 678
1997	118 814	129 858	128 000	129 648	128 089	133 105	110 186	133 232	136 124	139 772	127 439	120 759	378 870	390 842	379 542	387 970	1 535 024
	Seasonally Adjusted—Millions of Dollars																
1987	69 772	74 348	74 987	73 902	73 890	75 207	76 241	74 575	77 012	77 862	78 174	78 329	219 107	222 999	227 828	234 165	(X)
1988	77 113	79 489	80 365	80 241	81 916	83 071	82 591	81 608	83 789	84 108	84 972	89 064	238 967	245 228	247 968	258 144	(X)
1989	88 905	87 960	84 779	87 263	84 537	84 460	80 165	84 876	85 907	83 079	85 319	85 179	261 644	258 260	250 948	253 577	(X)
1990	79 513	84 667	88 742	84 461	87 721	88 878	88 238	86 301	84 415	84 773	80 353	78 587	250 922	259 060	258 952	241 713	(X)
1991	78 155	77 977	74 785	81 470	82 499	81 012	88 655	84 670	86 145	84 898	85 837	81 630	230 917	244 981	257 470	252 363	(X)
1992	82 944	85 019	85 373	88 101	87 699	90 307	88 774	88 978	88 241	89 480	91 308	94 923	253 338	266 107	265 993	275 711	(X)
1993	93 420	95 592	94 376	93 451	92 550	94 473	93 152	93 004	96 008	97 593	99 448	100 871	283 388	280 474	282 162	297 912	(X)
1994	102 655	102 577	107 209	104 931	106 781	107 401	105 537	109 935	109 358	108 678	113 829	116 013	312 441	319 113	324 830	338 520	(X)
1995	117 268	115 897	118 405	112 475	113 196	113 082	112 758	116 814	115 822	118 860	118 030	116 800	349 588	338 753	345 392	349 690	(X)
1996	115 571	114 998	112 153	117 725	120 496	119 247	121 341	120 774	120 970	121 668	121 088	117 320	342 722	357 468	363 085	380 074	(X)
1997	125 314	128 512	123 830	126 305	125 515	127 193	127 193	132 394	131 007	130 255	128 947	131 112	375 458	379 013	390 594	390 314	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–5.0	8.8	.9	–1.4	–	1.8	1.4	–2.2	3.3	.8	.7	.2	2.6	1.8	2.2	2.8	(X)
1988	–1.8	3.1	1.1	–.2	2.1	1.4	–.8	–1.2	2.6	.4	1.0	4.8	1.2	3.5	1.1	4.1	(X)
1989	–.2	–1.1	–3.6	2.9	–3.1	–.1	–5.1	5.9	1.2	–3.3	2.7	–.2	1.4	–2.1	–2.1	1.0	(X)
1990	–6.7	8.5	2.5	–2.6	3.9	–1.0	–.7	.1	–2.2	.4	–5.2	–4.7	–1.0	3.2	–.8	–5.9	(X)
1991	2.0	–.2	–4.1	8.9	1.3	–1.8	7.0	–2.3	1.7	–1.4	1.1	–4.9	–4.5	6.1	5.1	–2.0	(X)
1992	1.6	2.5	.4	3.2	–.5	3.0	–1.7	.2	–.8	1.4	2.0	4.0	.4	5.0	–	3.7	(X)
1993	–1.8	2.3	–1.3	–1.0	–1.0	2.1	–1.4	–.2	3.2	1.7	1.9	1.4	2.8	–1.0	.8	5.6	(X)
1994	1.8	–.1	4.5	–2.1	1.8	.6	–1.7	4.2	–.5	–.6	4.7	1.9	4.9	2.1	1.8	4.2	(X)
1995	1.1	–1.2	.4	–3.4	.6	–.1	–.3	3.6	–.8	.9	–.7	.7	3.3	–3.1	2.0	1.2	(X)
1996	–1.1	–.5	–2.5	5.0	2.4	–1.0	1.8	–.5	.2	.6	–.5	–3.1	–2.0	4.3	1.6	–.8	(X)
1997	8.8	1.0	–2.3	2.2	–.8	1.3	–	4.1	–1.0	–.8	–1.0	1.7	4.3	.9	3.1	–.1	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	Annual
PRODUCERS' DURABLE EQUIPMENT—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	59 606	69 040	71 269	65 928	68 352	73 146	58 891	61 616	70 323	69 074	67 729	69 188	199 915	207 426	190 830	205 991	804 162
1988	64 672	74 930	78 186	73 050	72 447	80 307	65 432	71 683	79 269	77 236	77 431	83 191	217 788	225 804	218 384	237 858	897 834
1989	75 910	81 879	84 529	81 588	78 398	85 361	63 289	73 769	81 499	76 500	77 162	83 082	242 318	245 347	218 557	236 744	942 966
1990	67 950	76 458	88 155	76 346	80 062	85 590	70 557	74 483	83 216	86 725	71 635	77 401	232 563	241 998	228 256	235 761	938 578
1991	67 836	72 464	74 693	72 377	74 046	75 694	66 577	72 229	81 711	81 466	79 528	70 151	214 993	222 117	220 517	231 145	888 772
1992	68 655	76 699	85 521	79 989	81 968	89 171	65 851	74 818	84 321	84 174	77 555	85 580	230 875	251 128	224 990	247 309	954 302
1993	72 692	86 171	89 692	83 363	83 764	93 848	67 068	80 331	89 412	90 502	89 403	90 284	248 555	260 975	236 811	270 189	1 016 530
1994	85 469	93 399	102 572	92 648	94 970	106 926	76 610	95 637	102 214	99 910	101 219	99 983	281 440	294 544	274 461	301 112	1 151 557
1995	93 121	104 693	112 464	98 365	102 766	111 078	78 119	99 921	113 974	108 917	106 297	110 979	310 278	312 209	292 014	326 193	1 240 694
1996	98 781	109 942	114 921	104 342	112 305	118 076	90 499	104 926	120 502	112 535	108 580	108 917	323 644	334 723	315 927	330 032	1 304 326
1997	102 249	116 461	121 327	112 880	112 129	126 782	97 392	114 229	128 171	128 523	127 855	119 866	340 037	351 791	339 792	374 244	1 405 864
Seasonally Adjusted—Millions of Dollars																	
1987	64 312	66 629	65 394	65 328	67 497	67 969	68 179	65 416	66 669	67 419	68 532	69 351	196 335	200 794	200 264	205 302	(X)
1988	70 134	73 256	72 008	72 388	71 586	74 532	76 351	75 257	74 953	74 821	78 092	83 985	215 398	218 506	226 561	236 898	(X)
1989	82 236	80 705	78 104	80 821	77 175	79 265	74 078	76 735	77 017	73 622	77 927	84 221	241 045	237 261	227 830	235 770	(X)
1990	74 251	76 322	81 725	75 943	78 292	78 918	82 428	76 903	78 646	83 148	72 632	77 739	232 298	233 153	237 977	233 519	(X)
1991	74 866	72 786	68 848	72 169	72 486	68 936	78 737	74 719	77 286	77 702	80 228	71 434	216 500	213 591	230 742	229 364	(X)
1992	76 270	76 676	78 571	79 820	80 231	81 390	79 101	77 646	79 432	80 800	78 032	85 914	231 517	241 441	236 179	244 746	(X)
1993	81 107	85 499	82 275	83 162	81 940	85 734	81 436	83 161	84 140	87 226	89 513	90 079	248 881	250 836	248 737	266 818	(X)
1994	93 994	91 940	94 587	92 743	93 061	97 859	94 418	98 201	96 346	96 699	101 088	100 183	280 521	283 663	288 965	297 970	(X)
1995	102 481	102 737	103 678	98 806	101 478	101 540	96 561	102 284	107 260	105 588	106 395	110 889	308 896	301 824	306 105	322 872	(X)
1996	108 619	108 179	105 925	104 794	111 264	107 692	110 634	107 290	112 715	109 211	108 832	108 067	322 723	323 750	330 639	326 110	(X)
1997	113 616	114 550	111 648	113 367	111 366	115 573	118 573	116 860	119 192	122 792	128 566	119 075	339 814	340 306	354 625	370 433	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−2.3	3.6	−1.9	−.1	3.3	.7	.3	−4.1	1.9	1.1	1.7	1.2	1.7	2.3	−.3	2.5	(X)
1988	1.1	4.5	−1.7	.5	−1.1	4.1	2.4	−1.4	−.4	−.2	4.4	7.5	4.9	1.4	3.7	4.6	(X)
1989	−2.1	−1.9	−3.2	3.5	−4.5	2.7	−6.5	3.6	.4	−4.4	5.8	8.1	1.8	−1.6	−4.0	3.5	(X)
1990	−11.8	2.8	7.1	−7.1	3.1	.8	4.4	−6.7	2.3	5.7	−12.6	7.0	−1.5	.4	2.1	−1.9	(X)
1991	−3.7	−2.8	−5.4	4.8	.4	−4.9	14.2	−5.1	3.4	.5	3.3	−11.0	−7.3	−1.3	8.0	−.6	(X)
1992	6.8	.5	2.5	1.6	.5	1.4	−2.8	−1.8	2.3	1.7	−3.4	10.1	.9	4.3	−2.2	3.6	(X)
1993	−5.6	5.4	−3.8	1.1	−1.5	4.6	−5.0	2.1	1.2	3.7	2.6	.6	1.7	.8	−.8	7.3	(X)
1994	4.3	−2.2	2.9	−1.9	.3	5.2	−3.5	4.0	−1.9	.4	4.5	−.9	5.1	1.1	1.9	3.1	(X)
1995	2.3	.2	.9	−4.7	2.7	.1	−4.9	5.9	4.9	−1.6	.8	4.2	3.7	−2.3	1.4	5.5	(X)
1996	−2.0	−.4	−2.1	−1.1	6.2	−3.2	2.7	−3.0	5.1	−3.1	−.3	−.7	−	.3	2.1	−1.4	(X)
1997	5.1	.8	−2.5	1.5	−1.8	3.8	2.8	−1.4	2.0	3.0	4.7	−7.4	4.2	.1	4.2	4.5	(X)
HOUSEHOLD DURABLE GOODS—NEW ORDERS																	
Not Seasonally Adjusted—Millions of Dollars																	
1987	5 572	5 934	8 821	5 500	5 785	6 085	5 251	5 897	6 374	6 072	5 571	4 664	18 327	17 370	17 522	16 307	69 526
1988	5 919	6 556	6 498	6 037	5 864	6 307	5 258	6 278	6 949	6 292	6 181	5 480	18 973	18 208	18 485	17 933	73 599
1989	6 549	6 637	7 413	6 617	6 186	6 644	5 642	6 614	7 029	6 883	6 287	5 741	20 599	19 447	19 285	18 911	78 242
1990	6 256	6 728	7 381	6 326	6 293	6 929	5 726	6 519	7 113	6 605	6 454	5 616	20 365	19 548	19 358	18 675	77 946
1991	5 813	6 407	6 866	6 589	6 277	8 565	5 839	6 940	7 418	7 156	6 614	5 830	19 086	19 431	20 197	19 600	78 314
1992	6 086	6 756	7 197	7 072	6 287	6 915	6 228	6 901	7 596	7 644	7 103	6 390	20 039	20 274	20 725	21 137	82 175
1993	8 827	7 406	7 627	7 301	6 666	7 486	6 810	7 709	8 411	8 040	7 782	6 849	21 860	21 453	22 930	22 671	88 914
1994	7 083	7 559	8 311	7 680	7 867	8 093	7 112	8 369	9 208	8 717	8 163	7 338	22 953	23 640	24 689	24 218	95 500
1995	7 809	7 787	8 883	7 615	8 014	8 447	7 496	8 644	9 214	8 903	8 568	7 120	24 479	24 076	25 354	24 591	98 500
1996	7 375	7 682	9 053	8 075	8 033	8 412	7 068	8 318	9 129	9 243	7 960	7 615	24 110	24 520	24 515	24 818	97 963
1997	7 243	8 399	9 279	8 382	8 591	9 678	8 366	8 485	10 715	9 822	9 763	8 680	24 921	26 651	27 566	28 265	107 403
Seasonally Adjusted—Millions of Dollars																	
1987	5 494	5 763	5 898	5 635	5 848	5 813	5 798	5 801	5 865	8 061	6 075	5 394	17 155	17 296	17 464	17 530	(X)
1988	5 888	6 416	5 549	6 065	6 058	6 069	5 910	6 213	6 350	6 107	6 414	6 359	17 851	18 192	18 473	18 880	(X)
1989	6 692	6 457	8 493	6 674	6 384	6 440	8 328	6 569	6 430	6 854	6 539	6 509	19 642	19 498	19 327	19 702	(X)
1990	6 361	8 564	6 619	6 342	6 543	6 784	6 426	6 428	6 436	6 249	6 665	6 232	19 544	19 669	19 290	19 146	(X)
1991	6 067	6 316	6 223	6 574	6 588	6 437	8 564	6 779	6 678	6 703	6 695	6 612	18 606	19 597	20 021	20 010	(X)
1992	6 366	6 727	6 589	7 031	6 594	6 855	6 918	6 726	6 830	7 116	7 032	6 992	19 682	20 480	20 474	21 140	(X)
1993	7 421	7 473	7 109	7 315	6 995	7 393	7 513	7 463	7 524	7 417	7 599	7 584	22 003	21 703	22 500	22 600	(X)
1994	7 684	7 689	7 799	7 795	8 168	7 952	7 868	8 079	8 249	7 973	7 984	8 136	23 172	23 915	24 196	24 093	(X)
1995	8 492	8 069	8 296	7 793	8 284	8 284	8 323	8 417	8 199	8 047	8 327	7 887	24 857	24 361	24 939	24 261	(X)
1996	8 113	7 945	8 462	8 275	8 234	8 097	7 938	8 204	8 032	8 419	7 702	8 310	24 520	24 606	24 174	24 431	(X)
1997	8 219	8 698	8 666	8 709	8 849	9 137	9 291	8 460	9 345	8 940	9 486	9 445	25 583	26 695	27 096	27 871	(X)
Seasonally Adjusted—Percent Change From Previous Period																	
1987	−3.4	4.9	2.3	−4.5	3.8	−.6	−.3	.1	1.1	3.3	.2	−11.2	−2.8	.8	1.0	.4	(X)
1988	9.1	9.0	−13.5	9.3	−.1	.2	−2.6	5.1	2.2	−3.8	5.0	−.9	1.8	1.9	1.5	2.2	(X)
1989	5.2	−3.5	.6	2.8	−4.3	.9	−1.7	3.8	−2.1	3.5	−1.7	−.5	4.0	−.7	−.9	1.9	(X)
1990	−2.3	3.2	.8	−4.2	3.2	3.7	−5.3	−	.1	−2.9	6.7	−6.5	−.8	.6	−1.9	−.7	(X)
1991	−2.6	4.1	−1.5	5.6	.2	−2.3	2.0	3.3	−1.5	.4	−.1	−1.2	−2.8	5.3	2.2	−.1	(X)
1992	−3.7	5.7	−2.1	6.7	−6.2	4.0	.9	−2.8	1.5	4.2	−1.2	−.6	−1.6	4.1	−	3.3	(X)
1993	6.1	.7	−4.9	2.9	−4.4	5.7	1.6	−.7	.8	−1.4	2.5	−.2	4.1	−1.4	3.7	.4	(X)
1994	1.3	.1	1.4	−.1	4.8	−2.6	−1.1	2.7	2.1	−3.3	.1	1.9	2.5	3.2	1.2	−.4	(X)
1995	4.4	−5.0	2.8	−6.1	6.3	−	.5	1.1	−2.6	−1.9	3.5	−5.3	3.2	−2.0	2.4	−2.7	(X)
1996	2.9	−2.1	6.5	−2.2	−.5	−1.7	−2.0	3.4	−2.1	4.8	−8.5	7.9	1.1	.4	−1.8	1.1	(X)
1997	−1.1	5.8	−.4	.5	1.6	3.3	1.7	−8.9	10.5	−4.3	6.1	−.4	4.7	4.3	1.5	2.9	(X)

See footnotes at end of table.

Table 2. Manufacturers' New Orders and Percent Changes for Industry Categories and Topical Series, by Month: 1987-1997—Con.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1st	2nd	3rd	4th	
	INFORMATION TECHNOLOGY INDUSTRIES—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	9 580	11 110	12 394	10 778	10 873	15 102	10 693	10 433	14 155	11 464	12 082	15 181	33 084	36 753	35 281	38 727	143 645
1988	11 442	12 457	14 808	12 218	12 850	14 790	11 536	13 292	15 344	12 556	13 110	16 435	38 707	39 858	40 172	42 101	160 838
1989	10 567	12 273	14 452	11 225	12 209	15 062	10 739	12 414	16 241	11 968	13 055	17 191	37 292	38 496	39 394	42 214	157 396
1990	10 961	12 793	15 174	12 282	13 130	15 957	11 902	12 092	16 320	13 464	12 540	15 915	38 928	41 369	40 314	41 919	162 530
1991	11 043	13 124	14 133	11 521	12 955	15 241	11 126	12 237	14 869	12 643	13 452	15 074	38 300	39 717	38 232	41 169	157 418
1992	11 607	12 912	15 696	12 325	13 605	16 867	12 298	13 208	17 521	13 336	14 034	19 117	40 215	42 797	43 027	46 487	172 526
1993	11 354	13 869	15 992	13 719	13 835	17 002	12 047	13 560	17 238	14 515	16 248	19 055	41 215	44 556	42 845	49 818	178 434
1994	12 645	14 579	18 587	14 692	15 389	20 526	14 274	15 521	20 262	16 741	17 690	21 430	45 811	50 607	50 057	55 861	202 336
1995	14 561	16 754	21 014	15 878	17 522	22 331	14 413	16 566	22 135	18 553	19 836	24 124	52 329	55 731	53 114	62 513	223 687
1996	15 602	19 306	23 578	17 809	18 363	23 902	17 580	18 645	23 178	21 499	21 072	25 622	58 486	60 074	59 403	68 193	246 156
1997	16 805	21 449	26 060	18 812	20 872	27 649	20 116	20 668	27 372	21 475	21 948	29 379	64 314	67 333	68 156	72 802	272 605
	Seasonally Adjusted—Millions of Dollars																
1987	11 800	11 504	11 178	11 746	11 351	13 072	12 559	11 113	12 289	12 238	12 076	12 829	34 482	36 169	35 981	37 143	(X)
1988	13 855	13 030	13 330	13 388	13 412	12 382	13 606	13 989	13 158	13 428	13 200	13 940	40 215	39 182	40 753	40 568	(X)
1989	13 009	12 979	12 887	12 449	12 693	12 527	12 819	13 107	13 985	12 773	13 159	14 792	38 875	37 669	39 911	40 724	(X)
1990	13 393	13 687	13 499	13 583	13 501	13 464	14 109	12 810	14 075	14 309	12 579	13 605	40 579	40 548	40 994	40 493	(X)
1991	13 363	14 025	12 486	12 833	13 206	12 892	13 293	12 987	12 873	13 350	13 417	12 813	39 874	38 931	39 153	39 580	(X)
1992	14 141	13 877	13 874	13 826	14 059	14 112	14 770	14 123	15 271	14 031	13 938	16 195	41 892	41 997	44 164	44 164	(X)
1993	14 053	14 936	13 946	15 247	14 356	14 332	14 580	14 585	14 923	15 242	16 104	15 569	42 935	43 935	44 088	46 915	(X)
1994	15 759	15 781	16 294	16 544	16 068	17 411	17 162	16 710	17 670	17 440	17 485	17 738	47 834	50 023	51 542	52 663	(X)
1995	18 134	18 078	18 276	17 912	18 346	18 810	17 585	17 957	19 068	19 447	19 738	19 580	54 488	55 068	54 610	58 765	(X)
1996	19 623	20 956	20 128	20 289	19 469	19 894	21 124	20 237	19 582	22 579	21 154	20 444	60 707	59 652	60 943	64 177	(X)
1997	21 418	23 096	22 176	21 613	22 204	23 087	24 041	22 378	23 251	22 870	22 288	23 403	66 688	66 904	69 668	68 561	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	–	–2.5	–2.8	5.1	–3.4	15.2	–3.9	–11.5	10.6	–.4	–1.3	6.2	1.0	4.9	–.6	3.3	(X)
1988	8.0	–6.0	2.3	.4	.2	–7.7	9.9	2.8	–5.9	2.1	–1.7	5.6	8.3	–2.6	4.0	–.5	(X)
1989	–6.7	–.2	–.7	–3.4	2.0	–1.3	2.3	2.2	6.7	–8.7	3.0	12.4	–4.2	–3.1	6.0	2.0	(X)
1990	–9.5	2.2	–1.4	.6	–.6	–.3	4.8	–9.2	9.9	1.7	–12.1	8.2	–.4	–.1	1.1	–1.2	(X)
1991	–1.8	5.0	–11.0	2.8	2.9	–2.4	3.1	–2.3	–.9	3.7	.5	–4.5	–1.5	–2.4	.6	1.1	(X)
1992	10.4	–1.9	–	–.3	1.7	.4	4.7	–4.4	8.1	–8.1	–.7	16.2	5.8	.3	5.2	–	(X)
1993	–13.2	6.3	–6.6	9.3	–5.8	–.2	1.7	–	2.3	2.1	5.7	–3.3	–2.8	2.3	.3	6.4	(X)
1994	1.2	.1	3.3	1.5	–2.9	8.4	–1.4	–2.6	5.7	–1.3	.3	1.4	2.0	4.6	3.0	2.2	(X)
1995	2.2	–.3	1.1	–2.0	2.4	2.5	–6.5	2.1	6.2	2.0	1.5	–.8	3.5	1.1	–.8	7.6	(X)
1996	.2	6.8	–4.0	.8	–4.0	2.2	6.2	–4.2	–3.2	15.3	–6.3	–3.4	3.3	–1.7	2.2	5.3	(X)
1997	4.8	7.8	–4.0	–2.5	2.7	4.0	4.1	–6.9	3.9	–1.6	–2.5	5.0	3.9	.3	4.1	–1.6	(X)
	HEALTH CARE EQUIPMENT AND PRODUCTS—NEW ORDERS																
	Not Seasonally Adjusted—Millions of Dollars																
1987	4 870	5 003	5 310	4 902	4 870	5 822	5 019	5 460	6 320	5 455	5 322	5 761	15 183	15 594	16 799	16 538	64 114
1988	5 584	5 787	6 142	5 605	5 514	6 293	5 384	6 190	6 568	6 148	5 985	6 461	17 513	17 412	18 142	18 594	71 681
1989	5 963	6 386	6 519	6 108	6 074	7 488	6 149	6 589	8 157	6 686	6 415	6 827	18 868	19 670	20 895	19 928	79 361
1990	6 938	6 981	7 356	8 698	6 714	7 604	6 855	7 358	8 058	7 649	7 255	7 173	21 275	21 016	22 269	22 077	86 637
1991	7 480	7 608	7 461	7 294	7 681	7 782	7 549	7 868	8 829	8 404	7 718	7 670	22 549	22 757	24 246	23 792	93 344
1992	7 948	7 887	8 311	7 769	7 874	8 765	7 864	8 737	9 306	8 745	8 449	9 349	24 144	24 408	25 907	26 543	101 002
1993	8 470	8 195	9 245	8 183	8 185	9 320	8 323	8 593	9 798	9 172	8 907	9 346	25 910	25 688	26 714	27 425	105 737
1994	8 633	8 329	9 243	8 383	8 427	9 516	8 313	8 962	9 816	9 072	9 091	9 481	26 205	26 326	27 091	27 644	107 268
1995	8 931	9 123	9 407	8 682	8 810	10 075	8 729	9 754	10 438	10 140	9 650	10 444	27 461	27 567	28 921	30 234	114 183
1996	9 415	9 753	10 102	9 514	9 839	10 520	9 925	10 279	11 487	10 759	10 633	10 758	29 270	29 873	31 691	32 150	122 984
1997	10 860	10 405	10 691	10 514	10 411	11 288	10 487	11 007	12 326	11 775	11 246	12 441	31 956	32 213	33 820	35 462	133 451
	Seasonally Adjusted—Millions of Dollars																
1987	4 935	5 025	5 104	5 209	5 151	5 404	5 441	5 428	5 626	5 457	5 587	5 735	15 064	15 764	16 495	16 779	(X)
1988	5 646	5 794	5 916	5 940	5 848	5 877	5 756	6 149	5 863	6 102	6 244	6 507	17 356	17 665	17 768	18 853	(X)
1989	6 046	6 390	6 279	6 453	6 438	7 116	6 498	6 542	7 412	6 524	6 652	6 977	18 715	20 007	20 452	20 153	(X)
1990	7 041	7 020	7 107	7 079	7 104	7 260	7 184	7 316	7 274	7 396	7 458	7 332	21 168	21 443	21 774	22 188	(X)
1991	7 636	7 718	7 209	7 709	8 099	7 425	7 915	7 888	7 982	8 133	7 884	7 685	22 563	23 233	23 785	23 702	(X)
1992	8 154	8 045	7 991	8 190	8 228	8 373	8 330	8 864	8 445	8 509	8 536	9 134	24 190	24 791	25 639	26 179	(X)
1993	8 694	8 427	8 946	8 674	8 527	8 888	8 832	8 750	8 900	8 944	8 962	8 978	26 067	26 089	26 482	26 884	(X)
1994	8 932	8 586	8 984	8 886	8 816	9 086	8 868	9 072	8 933	8 878	9 111	9 037	26 502	26 788	28 873	27 028	(X)
1995	9 297	9 403	9 115	9 195	9 252	9 652	9 317	9 837	9 588	9 909	9 672	9 892	27 815	28 099	28 742	29 473	(X)
1996	9 786	10 031	9 799	10 058	10 329	10 150	10 524	10 359	10 617	10 442	10 680	10 141	29 616	30 537	31 500	31 263	(X)
1997	11 248	10 699	10 393	11 094	10 939	10 919	11 095	11 111	11 370	11 430	11 350	11 703	32 340	32 952	33 576	34 483	(X)
	Seasonally Adjusted—Percent Change From Previous Period																
1987	1.0	1.8	1.6	2.1	–1.1	4.9	.7	–.2	3.6	–3.0	2.4	2.6	3.5	4.6	4.6	1.7	(X)
1988	–1.6	2.6	2.1	.4	–1.5	.5	–2.1	6.8	–4.7	4.1	2.3	4.2	3.4	1.8	.6	6.1	(X)
1989	–7.1	5.7	–1.7	2.8	–.2	10.5	–8.7	.7	13.3	–12.0	2.0	4.9	–.7	6.9	2.2	–1.5	(X)
1990	.9	–.3	1.2	–.4	.4	2.2	–1.0	1.8	–.6	1.7	.8	–1.7	5.0	1.3	1.5	1.9	(X)
1991	4.1	1.1	–6.6	6.9	5.1	–8.3	6.6	–.3	1.2	1.9	–3.1	–2.5	1.7	3.0	2.4	–.3	(X)
1992	6.1	–1.3	–.7	2.5	.5	1.8	–.5	6.4	–4.7	.8	.3	7.0	2.1	2.5	3.4	2.1	(X)
1993	–4.8	–3.1	8.2	–3.0	–1.7	4.2	–.6	–.9	1.7	.5	.2	.2	–.4	.1	1.5	1.5	(X)
1994	–.5	–3.9	4.6	–1.1	–.8	3.1	–2.4	2.3	–1.5	–.6	2.6	–.8	–1.4	1.1	.3	.6	(X)
1995	2.9	1.1	–3.1	.9	.6	4.3	–3.5	5.6	–2.5	3.3	–2.4	2.3	2.9	1.0	2.3	2.5	(X)
1996	–1.1	2.5	–2.3	2.6	2.7	–1.7	3.7	–1.6	2.5	–1.6	2.3	–5.0	.5	3.1	3.2	–.8	(X)
1997	10.9	–4.9	–2.9	6.7	–1.4	–.2	1.6	.1	2.3	.5	–.7	3.1	3.4	1.9	1.9	2.7	(X)

– Represents no change. (n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month. (X) Not applicable.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	393 691	396 208	400 608	404 674	407 357	409 874	416 408	417 545	418 051	419 644	422 164	427 185
1988	436 748	444 754	448 149	449 247	448 840	449 081	452 699	454 811	455 704	457 293	459 588	470 993
1989	480 280	485 835	492 252	495 864	492 677	493 568	497 950	492 545	492 825	490 769	496 543	505 479
1990	512 859	514 401	522 232	524 244	525 429	522 713	528 024	523 495	525 186	527 256	523 112	527 337
1991	531 376	534 069	534 082	530 339	528 078	520 636	529 300	528 789	523 728	519 261	516 881	514 835
1992	517 892	515 737	515 307	515 169	512 429	508 659	505 006	499 509	494 083	492 697	488 857	488 656
1993	492 884	494 942	490 368	489 103	483 071	477 066	476 228	471 917	463 947	460 146	455 949	453 412
1994	462 048	463 138	464 509	465 235	464 513	462 547	482 664	459 648	456 890	458 082	457 774	462 190
1995	471 223	475 781	478 417	478 144	477 550	471 071	472 431	470 354	468 089	470 201	469 801	475 113
1996	490 002	492 592	498 516	498 840	499 442	498 721	505 012	501 327	499 728	507 348	508 413	508 952
1997	520 156	525 801	524 551	524 528	523 128	520 327	520 535	523 608	519 365	524 158	533 329	531 558
	Seasonally Adjusted—Millions of Dollars											
1987	392 482	392 465	394 495	399 062	404 379	410 085	416 465	420 050	421 388	425 023	427 573	430 426
1988	435 643	440 890	442 195	443 694	445 782	449 167	452 438	456 923	458 810	462 442	464 321	474 154
1989	479 325	482 371	487 083	490 837	489 695	493 467	497 263	494 350	495 470	495 022	500 601	508 849
1990	512 069	511 677	518 144	520 186	522 621	522 658	525 163	524 575	527 624	530 921	527 363	531 131
1991	530 740	531 915	530 694	526 670	525 256	520 371	528 161	529 198	528 203	522 539	521 469	519 199
1992	517 215	513 631	511 849	511 170	509 293	508 437	503 708	499 584	496 904	495 905	491 679	492 893
1993	491 819	492 581	487 025	484 916	479 930	476 870	474 814	471 852	467 194	463 200	460 743	457 810
1994	460 639	460 357	461 056	460 791	461 342	462 712	481 370	459 670	460 888	461 371	462 710	466 699
1995	469 404	472 648	475 075	473 465	474 190	471 404	470 768	470 361	472 903	473 073	474 439	479 874
1996	487 602	488 998	495 402	494 429	496 544	499 403	503 535	501 611	504 748	510 027	512 650	513 062
1997	517 233	521 778	521 807	520 617	520 570	521 450	518 918	523 751	524 420	526 675	537 581	536 131
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.3	–	.5	1.2	1.3	1.4	1.6	.9	.3	.9	.6	.7
1988	1.2	1.2	.3	.3	.5	.8	.7	1.0	.4	.8	.4	2.1
1989	1.1	.6	1.0	.8	–.2	.8	.8	–.6	.2	–.1	1.1	1.6
1990	.6	–.1	1.3	.4	.5	–	.5	–.1	.8	.6	–.7	.7
1991	–.1	.2	–.2	–.8	–.3	–.9	1.5	.2	–.8	–.7	–.2	–.4
1992	–.4	–.7	–.3	–.1	–.4	–.2	–.9	–.8	–.5	–.2	–.9	.2
1993	–.2	.2	–1.1	–.4	–1.0	–.6	–.4	–.6	–1.0	–.9	–.5	–.6
1994	.6	–.1	.2	–.1	.1	.3	–.3	–.4	.3	.1	.3	.9
1995	.6	.7	.5	–.3	.2	–.6	–.1	–.1	.5	–	.3	1.1
1996	1.7	.3	1.3	–.2	.4	.6	.8	–.4	.6	1.0	.5	.1
1997	.8	.9	–	–.2	–	.2	–.5	.9	.1	.4	2.1	–.3
	DURABLE GOODS INDUSTRIES, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	376 746	378 100	381 550	384 879	387 677	389 921	395 292	396 302	396 720	398 275	401 338	406 444
1988	415 667	423 186	426 340	427 617	427 358	427 598	430 592	432 567	433 787	435 891	438 411	449 859
1989	458 815	464 250	470 051	473 824	470 715	471 181	475 495	469 997	470 412	469 151	475 521	484 623
1990	491 734	492 911	499 964	501 951	503 194	500 194	503 699	500 419	502 223	505 275	501 920	506 311
1991	510 294	512 753	512 128	508 503	505 359	498 115	506 193	505 175	499 948	496 327	494 498	492 500
1992	495 491	493 138	491 844	491 625	489 182	485 575	481 485	475 967	470 912	469 847	464 444	466 328
1993	470 038	471 583	466 711	465 202	459 269	453 280	452 678	448 588	441 346	439 018	435 368	432 667
1994	440 670	441 092	440 942	441 036	439 709	437 599	437 617	434 396	432 083	433 618	433 542	437 599
1995	445 783	449 651	451 539	450 524	449 639	443 267	444 210	443 201	442 668	446 117	445 865	451 948
1996	466 095	468 686	474 652	474 413	474 764	473 752	479 501	476 154	475 073	483 334	483 792	484 325
1997	495 420	501 264	498 951	498 485	496 984	493 820	492 960	496 768	493 075	498 555	507 877	506 334
	Seasonally Adjusted—Millions of Dollars											
1987	375 218	374 303	375 765	379 673	385 006	390 245	395 937	399 187	400 322	403 415	405 948	408 688
1988	414 048	419 164	420 736	422 482	424 568	427 858	430 901	435 349	437 244	440 823	442 421	452 150
1989	457 352	460 580	465 225	469 202	487 993	471 250	475 334	472 324	473 419	473 156	478 835	487 098
1990	490 375	489 890	496 172	498 287	500 715	500 412	503 395	502 174	505 126	508 647	505 323	509 124
1991	509 021	510 287	509 038	505 203	502 968	498 204	505 663	506 340	502 871	499 204	498 099	495 802
1992	494 128	490 666	488 746	488 046	486 516	485 784	480 814	476 797	474 084	472 526	468 214	469 381
1993	468 217	468 830	463 688	461 482	456 707	453 718	452 060	449 304	444 880	441 537	439 276	436 017
1994	438 611	437 959	437 815	437 110	437 185	438 456	437 180	435 172	436 296	436 289	437 596	440 998
1995	443 209	445 979	448 403	446 381	447 077	444 492	443 588	443 950	447 594	448 328	449 638	455 459
1996	463 011	484 620	471 663	470 415	472 460	475 177	479 170	477 221	480 211	485 350	487 153	487 441
1997	491 842	496 803	496 249	494 897	494 971	495 647	492 623	497 693	498 284	500 469	511 299	509 927
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.4	–.2	.4	1.0	1.4	1.4	1.5	.8	.3	.8	.6	.7
1988	1.3	1.2	.4	.4	.5	.8	.7	1.0	.4	.8	.4	2.2
1989	1.2	.7	1.0	.9	–.3	.7	.9	–.6	.2	–.1	1.2	1.7
1990	.7	–.1	1.3	.4	.5	–.1	.6	–.2	.6	.7	–.7	.8
1991	–	.2	–.2	–.8	–.4	–.9	1.5	.1	–.7	–.7	–.2	–.5
1992	–.3	–.7	–.4	–.1	–.3	–.2	–1.0	–.8	–.6	–.3	–.9	.2
1993	–.2	.1	–1.1	–.5	–1.0	–.7	–.4	–.6	–1.0	–.8	–.5	–.7
1994	.6	–.1	–	–.2	–	.3	–.3	–.5	.3	–	.3	.8
1995	.5	.6	.5	–.5	.2	–.6	–.2	.1	.8	.2	.3	1.3
1996	1.7	.3	1.5	–.3	.4	.6	.8	–.4	.6	1.1	.4	.1
1997	.9	1.0	–.1	–.3	–	.1	–.6	1.0	.1	.4	2.2	–.3

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	STONE, CLAY, AND GLASS PRODUCTS, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 374	5 543	5 639	5 507	5 475	5 322	5 386	5 490	5 430	5 231	5 219	5 047
1988	5 369	5 620	5 593	5 591	5 688	5 816	5 862	5 954	5 872	5 727	5 840	5 638
1989	5 659	5 876	5 754	5 579	5 671	5 553	5 402	5 235	5 248	5 148	5 197	5 156
1990	5 126	5 230	5 056	5 169	5 115	5 150	5 206	5 384	5 496	5 438	5 206	5 189
1991	5 146	5 403	5 595	5 786	6 015	6 231	6 584	6 759	6 828	6 877	6 596	6 584
1992	6 523	6 595	6 615	6 828	6 994	7 067	7 298	7 240	7 005	6 631	6 377	5 984
1993	6 000	6 546	6 702	6 763	7 110	6 810	7 144	7 245	7 008	6 712	6 433	6 319
1994	6 371	6 699	6 598	6 894	7 037	6 694	7 000	6 988	6 767	6 593	6 609	6 651
1995	7 010	7 178	7 010	6 877	6 932	6 754	7 188	7 432	7 260	6 918	6 884	6 804
1996	6 920	7 228	7 127	7 121	7 014	6 730	8 659	6 597	6 729	6 322	6 209	6 504
1997	6 672	6 773	6 793	6 884	6 805	6 794	6 816	8 440	6 367	6 302	6 173	6 176
	Seasonally Adjusted—Millions of Dollars											
1987	5 468	5 404	5 476	5 423	5 399	5 285	5 354	5 439	5 426	5 344	5 334	5 214
1988	5 469	5 511	5 491	5 555	5 637	5 777	5 814	5 858	5 810	5 798	5 943	5 815
1989	5 792	5 812	5 724	5 579	5 633	5 508	5 323	5 099	5 143	5 175	5 289	5 325
1990	5 290	5 226	5 083	5 190	5 068	5 102	5 085	5 204	5 356	5 441	5 319	5 378
1991	5 348	5 437	5 667	5 804	5 931	6 171	6 374	6 484	6 636	6 881	6 786	6 864
1992	6 812	6 659	6 704	6 828	6 850	7 015	7 019	8 908	6 819	6 670	6 604	6 271
1993	6 259	6 582	6 770	6 725	6 928	6 781	6 871	8 926	6 854	6 815	6 691	8 637
1994	6 607	6 687	6 614	6 820	6 837	6 678	6 766	6 726	6 663	6 749	6 884	6 963
1995	7 197	7 104	6 978	6 762	8 738	6 734	7 012	7 238	7 195	7 114	7 164	7 080
1996	7 031	7 123	7 048	6 980	6 847	6 704	6 555	8 501	6 711	6 494	6 433	6 712
1997	6 727	6 675	6 703	6 742	6 674	6 746	8 558	6 411	6 371	6 447	6 361	6 329
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.7	–1.2	1.3	–1.0	–.4	–2.1	1.3	1.6	–.2	–1.5	–.2	–2.2
1988	4.9	.8	–.4	1.2	1.5	2.5	.6	.8	–.8	–.2	2.5	–2.2
1989	–.4	.3	–1.5	–2.5	1.0	–2.2	–3.4	–4.2	.9	.6	2.2	.7
1990	–.7	–1.2	–2.7	2.1	–2.4	.7	–.3	2.3	2.9	1.6	–2.2	1.1
1991	–.6	1.7	4.2	2.4	2.2	4.0	3.3	1.7	2.3	3.7	–1.4	1.1
1992	–.8	–2.2	.7	1.8	.3	2.4	.1	–1.6	–1.3	–2.2	–1.0	–5.0
1993	–.2	5.2	2.9	–.7	3.0	–2.1	1.3	.8	–1.0	–.6	–1.8	–.8
1994	–.5	1.2	–1.1	3.1	.2	–2.4	1.3	–.6	–.9	1.3	2.0	1.1
1995	3.4	–1.3	–1.8	–3.1	–.4	–	4.1	3.2	–.6	–1.1	.7	–1.2
1996	–.7	1.3	–1.1	–1.0	–1.9	–2.1	–2.2	–.8	3.2	–3.2	–.9	4.3
1997	.2	–.8	.4	.6	–1.0	1.1	–2.8	–2.2	–.8	1.2	–1.3	–.5
	PRIMARY METAL INDUSTRIES, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	18 554	19 063	20 239	20 819	20 885	21 182	21 303	21 528	21 900	22 123	22 315	23 755
1988	25 026	26 304	26 937	26 519	26 476	25 828	26 093	25 816	25 455	25 259	25 052	26 496
1989	27 888	28 918	28 703	28 802	28 428	27 221	26 379	25 027	24 084	22 818	22 532	23 592
1990	24 713	25 096	25 983	28 127	26 346	25 831	25 795	25 040	24 696	24 384	24 166	24 143
1991	23 669	23 138	23 004	22 795	22 460	22 291	23 208	23 226	22 880	22 150	22 135	22 422
1992	22 246	22 560	22 674	22 538	22 208	22 184	22 338	22 000	20 696	19 802	19 621	20 984
1993	22 870	24 199	24 978	24 744	24 315	23 569	23 441	22 810	22 009	21 767	21 722	22 317
1994	23 567	24 354	26 305	26 412	26 927	28 963	27 123	26 660	26 760	27 186	27 503	28 814
1995	30 479	31 105	31 328	30 633	29 280	27 947	27 204	27 148	26 416	26 233	26 296	27 202
1996	28 605	29 702	29 574	29 410	29 290	29 518	29 888	30 209	29 542	28 989	28 466	29 267
1997	30 802	31 784	32 294	32 585	32 470	31 950	32 700	32 864	33 447	33 102	33 445	34 338
	Seasonally Adjusted—Millions of Dollars											
1987	18 184	18 173	18 897	19 650	20 284	21 232	21 537	21 997	22 825	23 524	23 780	24 340
1988	24 569	25 257	25 350	25 253	25 699	25 728	26 149	26 300	26 392	28 778	26 624	27 079
1989	27 515	27 978	27 238	27 608	27 566	26 968	26 182	25 395	24 877	24 140	23 865	24 120
1990	24 498	24 445	24 826	25 129	25 552	25 548	25 452	25 299	25 452	25 787	25 562	24 768
1991	23 522	22 609	22 011	21 940	21 788	21 995	22 822	23 404	23 611	23 446	23 424	23 075
1992	22 121	22 026	21 650	21 644	21 550	21 872	21 984	22 175	21 413	20 985	20 803	21 636
1993	22 717	23 493	23 753	23 717	23 638	23 291	23 172	22 974	22 816	23 043	23 054	23 068
1994	23 324	23 514	24 954	25 294	26 220	26 732	26 994	26 919	27 802	28 723	29 156	29 661
1995	30 030	29 911	29 695	29 376	28 588	27 809	27 231	27 464	27 437	27 599	27 801	27 993
1996	28 096	28 464	28 048	28 254	28 689	29 498	30 035	30 591	30 621	30 384	29 974	29 996
1997	30 230	30 439	30 721	31 397	31 924	32 004	32 880	33 270	34 558	34 626	35 157	35 160
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.2	–.1	4.0	4.0	3.2	4.7	1.4	2.1	3.8	3.1	1.1	2.4
1988	.9	2.8	.4	–.4	1.8	.1	1.6	.6	.3	1.5	–.6	1.7
1989	1.6	1.7	–2.6	1.4	–.2	–2.2	–2.9	–3.0	–2.0	–3.0	–1.1	1.1
1990	1.8	–.2	1.6	1.2	1.7	–	–.4	–.6	.8	1.3	–.9	–3.1
1991	–5.0	–3.9	–2.6	–.3	–.7	1.0	3.8	2.8	.9	–.7	–.1	–1.5
1992	–4.1	–.4	–1.7	–	–.4	1.5	.5	.9	–3.4	–2.0	–.9	4.0
1993	5.0	3.4	1.1	–.2	–.3	–1.5	–.5	–.9	–.7	1.0	–	.1
1994	1.1	.8	6.1	1.4	3.7	2.0	1.0	–.3	3.3	3.3	1.5	1.7
1995	1.2	–.4	–.7	–1.1	–2.7	–2.7	–2.1	.9	–.1	.6	.7	.7
1996	.4	1.3	–1.5	.7	1.5	2.8	1.8	1.9	.1	–.8	–1.3	.1
1997	.8	.7	.9	2.2	1.7	.3	2.7	1.2	3.9	.2	1.5	–

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	BLAST FURNACES, STEEL MILLS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 817	9 311	9 973	10 629	10 350	10 299	10 481	10 646	10 553	10 278	10 688	11 600
1988	12 012	12 554	12 658	12 289	12 224	11 655	11 704	11 448	11 259	10 870	10 522	11 308
1989	12 391	13 173	12 606	12 204	11 603	10 589	10 140	9 473	8 958	8 618	8 515	9 277
1990	10 118	10 477	10 463	10 564	10 751	10 469	10 864	10 565	10 456	10 180	9 903	9 820
1991	9 570	9 203	8 796	8 854	8 736	8 558	9 477	9 838	9 682	9 458	9 143	8 919
1992	8 738	8 755	8 648	8 581	8 412	8 371	8 528	8 370	7 983	7 586	7 460	8 472
1993	9 778	10 909	11 314	11 050	10 787	10 555	10 443	10 185	9 814	9 657	9 578	9 810
1994	10 219	10 758	11 238	11 390	11 217	11 145	11 060	10 875	10 855	10 697	10 672	10 683
1995	11 646	12 105	12 579	12 393	12 035	11 601	11 383	11 510	10 956	10 933	11 164	11 567
1996	12 514	12 946	12 892	12 663	12 824	12 652	12 825	12 841	12 421	12 118	11 789	11 900
1997	12 747	13 094	12 980	13 234	13 237	13 055	13 368	13 340	13 167	13 271	13 742	14 358
	Seasonally Adjusted—Millions of Dollars											
1987	8 577	8 619	9 139	9 838	10 035	10 541	10 758	10 966	11 152	11 113	11 496	11 828
1988	11 666	11 708	11 765	11 529	11 881	11 869	11 882	11 718	11 770	11 462	11 295	11 508
1989	12 050	12 402	11 875	11 609	11 303	10 742	10 174	9 810	9 265	9 198	9 113	9 479
1990	9 871	9 947	9 951	10 145	10 503	10 577	10 591	10 819	10 751	10 807	10 557	10 120
1991	9 401	8 790	8 393	8 536	8 548	8 596	9 354	9 828	9 931	10 016	9 725	9 290
1992	8 845	8 385	8 233	8 249	8 228	8 352	8 401	8 339	8 206	8 030	7 966	8 897
1993	9 721	10 455	10 708	10 574	10 516	10 479	10 309	10 155	10 137	10 283	10 249	10 163
1994	10 146	10 272	10 564	10 853	10 897	11 049	10 973	10 890	11 289	11 395	11 424	11 303
1995	11 503	11 509	11 791	11 790	11 666	11 523	11 357	11 585	11 440	11 647	11 932	12 183
1996	12 283	12 273	12 084	12 051	12 442	12 640	12 854	12 967	12 993	12 884	12 556	12 432
1997	12 459	12 392	12 199	12 616	12 872	13 120	13 428	13 492	13 759	14 100	14 615	14 905
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–3.6	.5	6.0	7.6	2.0	5.0	2.1	1.9	1.7	–.3	3.4	2.9
1988	–1.4	.4	.5	–2.0	3.1	–.1	.1	–1.4	.5	–2.6	–1.5	1.9
1989	4.7	2.9	–4.2	–2.2	–2.8	–5.0	–5.3	–5.5	–3.6	–.7	–.9	4.0
1990	4.1	.8	–	1.9	3.5	.7	.1	.3	1.2	.5	–2.3	–4.1
1991	–7.1	–6.5	–4.5	1.7	.1	.8	8.8	5.0	1.1	.9	–2.9	–4.5
1992	–6.9	–3.0	–1.8	.2	–.3	1.5	.6	–.7	–1.6	–2.1	–.8	11.7
1993	9.3	7.6	2.4	–1.3	–.5	–.4	–1.8	–1.5	–.2	1.2	–.1	–.8
1994	–.2	1.2	2.8	2.7	.4	1.4	–.7	–.8	3.7	.9	.3	–1.1
1995	1.8	.1	2.5	–	–1.1	–1.2	–1.4	2.0	–1.3	1.8	2.4	2.1
1996	.8	–.1	–1.5	–.3	3.2	1.8	1.7	.9	.2	–.8	–2.5	–1.0
1997	.2	–.5	–1.6	3.4	2.0	1.9	2.3	.5	2.0	2.5	3.7	2.0
	IRON AND STEEL FOUNDRIES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 940	1 919	1 869	1 877	1 941	1 915	1 962	1 958	2 072	2 082	2 161	2 137
1988	2 257	2 303	2 353	2 394	2 372	2 398	2 483	2 473	2 511	2 558	2 521	2 518
1989	2 728	2 771	2 774	2 889	2 882	2 847	2 838	2 814	2 762	2 756	2 750	2 739
1990	2 837	2 882	3 119	3 209	3 218	3 247	3 259	3 414	3 368	3 402	3 386	3 303
1991	3 294	3 288	3 272	3 234	3 097	3 105	3 148	3 195	3 102	3 079	2 998	3 102
1992	3 134	2 957	2 988	2 949	2 972	2 949	2 876	2 911	2 752	2 781	2 759	2 752
1993	2 959	2 927	2 884	2 921	2 965	2 855	2 991	2 955	3 031	3 165	3 217	3 208
1994	3 401	3 377	3 595	3 528	3 608	3 680	3 692	3 558	3 504	3 538	3 495	3 736
1995	3 858	4 008	3 980	4 033	3 863	3 754	3 879	3 640	3 596	3 661	3 632	3 535
1996	3 774	4 070	4 111	4 126	4 034	4 227	4 238	4 281	4 210	4 068	4 088	4 302
1997	4 480	4 668	4 829	4 852	4 848	4 939	5 016	4 991	5 062	5 026	5 249	5 476
	Seasonally Adjusted—Millions of Dollars											
1987	1 917	1 897	1 842	1 825	1 922	1 914	1 952	1 963	2 099	2 103	2 206	2 212
1988	2 230	2 279	2 321	2 330	2 346	2 398	2 477	2 478	2 544	2 580	2 571	2 597
1989	2 898	2 751	2 732	2 818	2 846	2 847	2 834	2 819	2 804	2 783	2 806	2 817
1990	2 798	2 885	3 072	3 134	3 170	3 247	3 254	3 424	3 422	3 440	3 458	3 390
1991	3 241	3 278	3 213	3 166	3 055	3 099	3 140	3 202	3 157	3 123	3 075	3 176
1992	3 076	2 940	2 928	2 890	2 933	2 942	2 864	2 917	2 806	2 812	2 836	2 814
1993	2 907	2 901	2 817	2 883	2 930	2 840	2 975	2 962	3 099	3 237	3 319	3 282
1994	3 350	3 324	3 501	3 449	3 563	3 657	3 669	3 571	3 589	3 632	3 614	3 823
1995	3 822	3 928	3 852	3 931	3 816	3 721	3 657	3 666	3 690	3 769	3 764	3 615
1996	3 782	3 975	3 963	4 004	3 983	4 188	4 214	4 303	4 323	4 192	4 241	4 397
1997	4 481	4 554	4 643	4 699	4 787	4 888	4 991	5 048	5 198	5 188	5 450	5 599
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.4	–1.0	–2.9	–.9	5.3	–.4	2.0	.8	6.9	.2	4.9	.3
1988	.8	2.2	1.8	.4	.7	2.2	3.3	–	2.7	1.4	–.3	1.0
1989	3.9	2.0	–.7	3.1	1.1	–	–.5	–.5	–.5	–.7	.8	.4
1990	–.7	2.4	7.2	2.0	1.1	2.4	.2	5.2	–.1	.5	.5	–2.0
1991	–4.4	1.1	–1.9	–1.5	–3.5	1.4	1.3	2.0	–1.4	–1.1	–1.5	3.3
1992	–3.1	–4.4	–.4	–1.3	1.5	.3	–2.7	1.9	–3.8	.2	.9	–.8
1993	3.3	–.2	–2.9	1.8	2.3	–3.1	4.8	–.4	4.6	4.5	2.5	–1.1
1994	2.1	–.8	5.3	–1.5	3.3	2.6	.3	–2.7	.5	1.2	–.5	5.8
1995	–	2.8	–1.9	2.1	–2.9	–2.5	–1.7	.2	.7	2.1	–.1	–4.0
1996	4.1	5.7	–.3	1.0	–.5	5.1	.8	2.1	.5	–3.0	1.2	3.7
1997	1.9	1.8	2.0	1.2	1.9	2.1	2.1	1.1	3.0	–.2	5.1	2.7

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONFERROUS AND OTHER PRIMARY METALS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 797	7 833	8 397	8 313	8 594	8 968	8 860	8 924	9 275	9 765	9 466	10 018
1988	10 757	11 447	11 926	11 836	11 880	11 775	11 906	11 897	11 685	12 033	12 009	12 670
1989	12 769	12 974	13 323	13 709	13 943	13 785	13 401	12 740	12 364	11 446	11 267	11 576
1990	11 758	11 737	12 401	12 354	12 379	12 115	11 872	11 061	10 872	10 802	10 877	11 020
1991	10 805	10 647	10 936	10 707	10 627	10 628	10 583	10 193	10 096	9 613	9 994	10 401
1992	10 374	10 848	11 040	11 008	10 824	10 864	10 934	10 719	9 961	9 455	9 402	9 760
1993	10 133	10 363	10 780	10 773	10 563	10 159	10 007	9 670	9 164	8 945	8 927	9 499
1994	9 947	10 219	11 472	11 494	12 104	12 138	12 371	12 229	12 401	12 951	13 336	14 395
1995	14 977	14 994	14 769	14 207	13 382	12 592	12 142	11 996	11 864	11 639	11 500	12 100
1996	12 317	12 686	12 571	12 621	12 432	12 639	12 827	13 107	12 911	12 807	12 589	13 065
1997	13 575	14 022	14 485	14 499	14 385	13 956	14 316	14 533	15 218	14 805	14 454	14 504
	Seasonally Adjusted—Millions of Dollars											
1987	7 690	7 657	7 916	7 987	8 327	8 777	8 827	9 068	9 574	10 308	10 078	10 300
1988	10 673	11 270	11 264	11 394	11 472	11 459	11 790	12 106	12 078	12 736	12 758	12 974
1989	12 767	12 825	12 631	13 183	13 417	13 379	13 174	12 966	12 808	12 159	11 946	11 824
1990	11 829	11 633	11 803	11 850	11 879	11 724	11 607	11 256	11 279	11 540	11 547	11 258
1991	10 880	10 543	10 405	10 238	10 185	10 300	10 328	10 376	10 523	10 307	10 624	10 609
1992	10 400	10 701	10 489	10 505	10 391	10 578	10 719	10 919	10 401	10 143	10 001	9 925
1993	10 089	10 137	10 228	10 280	10 192	9 972	9 888	9 857	9 580	9 543	9 486	9 623
1994	9 828	9 918	10 889	10 992	11 760	12 026	12 352	12 458	12 924	13 696	14 118	14 535
1995	14 705	14 474	14 052	13 655	13 106	12 565	12 217	12 213	12 307	12 183	12 105	12 195
1996	12 051	12 216	12 001	12 199	12 264	12 670	12 967	13 321	13 305	13 308	13 177	13 167
1997	13 290	13 493	13 879	14 082	14 265	13 998	14 463	14 730	15 601	15 338	15 092	14 656
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.2	–.4	3.4	.9	4.3	5.4	.6	2.7	5.6	7.7	–2.2	2.2
1988	3.6	5.6	–.1	1.2	.7	–.1	2.9	2.7	–.2	5.4	.2	1.7
1989	–1.6	.5	–1.5	4.4	1.8	–.3	–1.5	–1.6	–1.2	–5.1	–1.8	–1.0
1990	–	–1.7	1.5	.4	.2	–1.3	–1.0	–3.0	.2	2.3	.1	–2.5
1991	–3.4	–3.1	–1.3	–1.6	–.5	1.1	.3	.5	1.4	–2.1	3.1	–.1
1992	–2.0	2.9	–2.0	.2	–1.1	1.8	1.3	1.9	–4.7	–2.5	–1.4	–.8
1993	1.7	.5	.9	.5	–.9	–2.2	–.8	–.3	–2.8	–.4	–.6	1.4
1994	2.1	.9	9.8	.9	7.0	2.3	2.7	.9	3.7	6.0	3.1	3.0
1995	1.2	–1.6	–2.9	–2.8	–4.0	–4.1	–2.8	–	.8	–1.0	–.6	.7
1996	–1.2	1.4	–1.8	1.6	.5	3.3	2.3	2.7	–.1	–	–1.0	–.1
1997	.9	1.5	2.9	1.5	1.3	–1.9	3.3	1.8	5.9	–1.7	–1.6	–2.9
	FABRICATED METAL PRODUCTS, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	29 636	29 582	29 802	29 701	30 120	30 998	31 411	31 650	32 061	32 276	32 447	32 805
1988	32 499	32 740	32 918	32 656	32 800	32 249	32 408	32 135	31 845	31 443	31 228	31 470
1989	31 279	31 696	31 475	30 991	30 249	30 309	29 754	28 826	28 200	27 858	27 332	27 434
1990	27 686	27 408	27 495	27 474	26 930	26 667	27 189	26 724	27 072	26 176	25 617	25 655
1991	26 119	25 734	25 738	25 871	25 777	25 310	25 494	25 407	25 095	24 590	24 192	24 296
1992	24 824	24 640	24 430	23 994	23 512	23 860	23 011	22 769	23 190	23 299	23 080	23 557
1993	23 922	23 816	23 502	23 177	22 810	22 125	21 999	21 944	21 816	21 210	20 382	20 560
1994	20 560	20 464	21 065	20 966	21 082	21 064	21 344	21 543	21 218	20 864	20 725	21 115
1995	21 599	21 934	22 071	22 143	22 452	22 454	22 644	22 614	22 517	22 149	22 086	22 119
1996	22 282	22 461	22 570	22 556	22 924	23 097	23 455	23 543	23 731	23 703	23 565	23 903
1997	24 282	24 738	24 853	25 189	25 257	25 773	26 351	26 357	26 505	26 466	26 339	26 350
	Seasonally Adjusted—Millions of Dollars											
1987	29 724	29 516	29 574	29 523	29 925	30 895	31 199	31 532	32 143	32 686	32 882	32 973
1988	32 503	32 652	32 686	32 458	32 644	32 196	32 181	32 000	31 925	31 866	31 700	31 661
1989	31 197	31 612	31 255	30 791	30 136	30 311	29 551	28 677	28 214	28 139	27 790	27 629
1990	27 559	27 338	27 308	27 290	26 864	26 692	27 026	26 555	27 042	26 415	26 105	25 859
1991	25 972	25 665	25 548	25 689	25 739	25 353	25 367	25 210	25 030	24 811	24 704	24 516
1992	24 672	24 513	24 226	23 832	23 461	24 008	22 945	22 615	23 132	23 490	23 550	23 725
1993	23 782	23 680	23 306	23 056	22 757	22 255	21 923	21 760	21 746	21 357	20 814	20 731
1994	20 461	20 335	20 912	20 895	21 043	21 147	21 224	21 333	21 144	20 997	21 142	21 290
1995	21 542	21 828	21 960	22 116	22 417	22 495	22 448	22 380	22 408	22 268	22 492	22 329
1996	22 265	22 382	22 521	22 570	22 918	23 102	23 197	23 281	23 601	23 814	23 956	24 159
1997	24 297	24 669	24 833	25 240	25 272	25 742	26 015	26 058	26 334	26 581	26 758	26 649
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	–.7	.2	–.2	1.4	3.2	1.0	1.1	1.9	1.7	.6	.3
1988	–1.4	.5	.1	–.7	.6	–1.4	–	–.6	–.2	–.2	–.5	–.1
1989	–1.5	1.3	–1.1	–1.5	–2.1	.6	–2.5	–3.0	–1.6	–.3	–1.2	–.6
1990	–.3	–.8	–.1	–.1	–1.6	–.6	1.3	–1.7	1.8	–2.3	–1.2	–.9
1991	.4	–1.2	–.5	.6	.2	–1.5	.1	–.6	–.7	–.9	–.4	–.8
1992	.6	–.6	–1.2	–1.6	–1.6	2.3	–4.4	–1.4	2.3	1.5	.3	.7
1993	.2	–.4	–1.6	–1.1	–1.3	–2.2	–1.5	–.7	–.1	–1.8	–2.5	–.4
1994	–1.3	–.6	2.8	–.1	.7	.5	.4	.5	–.9	–.7	.7	.7
1995	1.2	1.3	.6	.7	1.4	.3	–.2	–.3	.1	–.6	1.0	–.7
1996	–.3	.5	.6	.2	1.5	.8	.4	.4	1.4	.9	.6	.8
1997	.6	1.5	.7	1.6	.1	1.9	1.1	.2	1.1	.9	.7	–.4

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	48 078	48 862	48 545	49 062	49 766	49 804	50 089	50 810	50 829	51 263	51 586	51 506
1988	52 708	53 685	54 064	54 868	55 217	55 470	55 864	57 273	57 209	56 940	57 631	57 196
1989	58 588	59 115	59 146	59 683	59 771	60 534	59 777	59 582	59 957	58 901	59 283	58 035
1990	59 151	59 483	58 744	58 615	58 815	58 190	59 504	58 718	59 129	58 776	58 967	57 562
1991	59 068	58 081	56 874	56 338	56 663	55 279	55 398	55 279	55 537	54 762	54 334	53 504
1992	54 700	54 841	54 295	54 145	53 855	53 508	53 326	53 209	53 445	53 620	53 651	53 450
1993	54 241	54 553	53 404	52 973	52 876	51 810	51 656	51 867	51 492	51 866	52 697	52 803
1994	54 397	55 319	55 963	57 288	58 201	59 161	60 194	61 723	62 601	64 687	66 764	65 544
1995	68 017	69 292	70 089	70 135	70 542	70 886	70 371	70 472	70 098	70 785	72 382	71 116
1996	72 960	74 058	72 473	72 568	72 835	71 873	72 826	73 169	72 595	73 681	74 279	73 070
1997	74 435	75 561	74 544	75 055	74 899	72 628	73 100	73 289	73 332	74 267	75 001	73 425
	Seasonally Adjusted—Millions of Dollars											
1987	48 048	48 369	48 317	48 754	49 432	49 840	50 219	50 807	51 188	51 711	51 772	51 868
1988	52 510	53 111	53 875	54 519	54 904	55 605	56 015	57 282	57 595	57 408	57 790	57 583
1989	58 227	58 470	59 011	59 379	59 513	60 727	59 981	59 681	60 350	59 278	59 298	58 369
1990	58 613	58 815	58 706	58 511	58 645	58 451	59 779	58 800	59 460	59 003	58 845	57 872
1991	58 530	57 484	56 907	56 401	56 538	55 517	55 670	55 379	55 874	54 902	54 175	53 812
1992	54 202	54 191	54 204	54 142	53 700	53 763	53 658	53 440	53 863	53 713	53 465	53 651
1993	53 687	53 841	53 246	52 957	52 751	52 136	52 059	52 217	52 035	51 943	52 457	52 952
1994	53 753	54 441	55 727	57 256	58 161	59 712	60 768	62 229	63 365	64 570	66 121	65 608
1995	67 257	68 304	69 977	70 101	70 464	71 581	70 960	71 098	71 049	70 693	71 669	71 179
1996	72 113	72 947	72 277	72 398	72 776	72 588	73 450	73 883	73 587	73 499	73 334	73 042
1997	73 553	74 456	74 456	74 952	74 830	73 455	73 742	74 046	74 311	74 212	74 264	73 419
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.8	.7	–.1	.9	1.4	.8	.8	1.2	.7	1.0	.1	.2
1988	1.2	1.1	1.4	1.2	.7	1.3	.7	2.3	.5	–.3	.7	–.4
1989	1.1	.4	.9	.6	.2	2.0	–1.2	–.5	1.1	–1.8	–	–1.6
1990	.4	.3	–.2	–.3	.2	–.3	2.3	–1.6	1.1	–.8	–.3	–1.7
1991	1.1	–1.8	–1.0	–.9	.2	–1.8	.3	–.5	.9	–1.7	–1.3	–.7
1992	.7	–	–	–.1	–.8	.1	–.2	–.4	.8	–.3	–.5	.3
1993	.1	.3	–1.1	–.5	–.4	–1.2	–.1	.3	–.3	–.2	1.0	.9
1994	1.5	1.3	2.4	2.7	1.6	2.7	1.8	2.4	1.8	1.9	2.4	–.8
1995	2.5	1.6	2.4	.2	.5	1.6	–.9	.2	–.1	–.5	1.4	–.7
1996	1.3	1.2	–.9	.2	.5	–.3	1.2	.6	–.4	–.1	–.2	–.4
1997	.7	1.2	–	.7	–.2	–1.8	.4	.4	.4	–.1	.1	–1.1
	ENGINES AND TURBINES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 027	4 962	4 970	4 921	4 984	4 952	5 019	5 166	5 268	5 452	5 480	5 231
1988	5 173	5 102	4 881	4 788	4 816	4 996	5 078	5 116	5 332	5 459	5 493	4 641
1989	4 718	4 995	4 862	4 773	4 918	6 166	6 238	6 371	6 549	6 646	6 962	6 851
1990	7 159	7 431	7 398	7 284	7 494	7 620	8 536	8 700	9 126	9 490	9 716	9 427
1991	9 723	9 602	9 437	9 466	9 486	8 873	9 474	9 469	10 273	10 343	10 238	9 845
1992	10 081	10 069	10 085	10 020	10 297	10 668	11 005	11 428	11 923	12 141	12 415	12 585
1993	12 399	12 070	12 064	11 696	11 361	11 366	11 474	11 528	11 662	11 554	11 298	10 951
1994	10 939	10 862	10 546	10 299	10 333	10 371	10 566	11 466	11 427	11 809	12 058	11 190
1995	11 165	10 867	10 730	10 447	10 250	11 002	11 151	11 392	11 645	11 784	12 486	12 289
1996	12 329	12 205	11 562	11 327	11 405	11 314	11 709	11 860	12 153	12 638	13 040	12 974
1997	12 799	12 921	12 622	12 168	11 766	11 424	11 506	11 744	12 096	12 522	12 851	12 534
	Seasonally Adjusted—Millions of Dollars											
1987	4 947	4 911	5 029	5 084	5 170	5 160	5 121	5 146	5 217	5 300	5 266	5 071
1988	5 056	5 024	4 947	4 959	5 029	5 238	5 193	5 109	5 290	5 310	5 264	4 463
1989	4 559	4 880	4 967	5 011	5 216	6 458	6 378	6 358	6 486	6 458	6 624	6 560
1990	6 889	7 283	7 553	7 598	7 907	8 000	8 734	8 668	9 027	9 259	9 332	9 096
1991	9 426	9 470	9 601	9 822	9 957	9 240	9 649	9 427	10 170	10 120	9 880	9 545
1992	9 824	9 974	10 230	10 311	10 673	10 987	11 165	11 400	11 817	11 911	12 087	12 280
1993	12 144	11 985	12 216	12 012	11 736	11 672	11 658	11 519	11 554	11 289	10 957	10 637
1994	10 685	10 766	10 723	10 703	10 828	10 799	10 844	11 509	11 282	11 381	11 527	10 689
1995	10 791	10 728	10 929	10 925	10 811	11 474	11 466	11 493	11 496	11 372	11 941	11 779
1996	11 940	12 057	11 743	11 786	11 983	11 726	12 046	12 023	12 007	12 139	12 298	12 334
1997	12 311	12 741	12 840	12 701	12 337	11 923	11 870	11 945	11 960	12 068	12 173	11 931
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.0	–.7	2.4	1.1	1.7	–.2	–.8	.5	1.4	1.6	–.6	–3.7
1988	–.3	–.6	–1.5	.2	1.4	4.2	–.9	–1.6	3.5	.4	–.9	–15.2
1989	2.2	7.0	1.8	.9	4.1	23.8	–1.2	–.3	2.0	–.4	2.6	–1.0
1990	5.0	5.7	3.7	.6	4.1	1.2	9.2	–.8	4.1	2.6	.8	–2.5
1991	3.6	.5	1.4	2.3	1.4	–7.2	4.4	–2.3	7.9	–.5	–2.4	–3.4
1992	2.9	1.5	2.6	.8	3.5	2.9	1.6	2.1	3.7	.8	1.5	1.6
1993	–1.1	–1.3	1.9	–1.7	–2.3	–.5	–.1	–1.2	.3	–2.3	–2.9	–2.9
1994	.5	.8	–.4	–.2	1.2	–.3	.4	6.1	–2.0	.9	1.3	–7.3
1995	1.0	–.6	1.9	–	–1.0	6.1	–.1	.2	–	–1.1	5.0	–1.4
1996	1.4	1.0	–2.6	.4	1.7	–2.1	2.7	–.2	–.1	1.1	1.3	.3
1997	–.2	3.5	.8	–1.1	–2.9	–3.4	–.4	.6	.1	.9	.9	–2.0

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	CONSTRUCTION, MINING, AND MATERIAL HANDLING EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 162	8 311	6 269	6 230	6 202	6 001	6 309	6 230	6 314	6 273	6 305	8 725
1988	6 754	8 858	7 147	7 217	7 099	7 089	7 168	7 219	7 301	7 471	7 583	7 992
1989	8 108	8 132	8 558	8 802	8 569	8 557	8 584	8 529	8 430	8 284	8 339	8 189
1990	8 476	8 365	8 188	8 252	8 002	8 101	8 145	7 850	7 664	7 798	7 679	7 543
1991	7 920	7 316	7 028	6 886	6 706	8 219	6 065	5 935	5 870	5 664	5 621	5 747
1992	5 928	8 021	6 044	5 934	5 904	5 836	5 819	5 802	5 878	6 026	6 025	6 034
1993	6 260	6 324	8 296	6 114	6 176	5 853	5 792	5 906	5 808	5 898	5 936	5 980
1994	8 118	8 367	6 568	6 737	6 725	6 801	6 715	6 701	6 869	7 100	7 272	7 218
1995	7 800	7 851	8 169	8 091	8 091	7 962	7 829	7 674	7 830	8 187	8 241	8 366
1996	8 617	9 149	9 175	9 110	9 072	8 947	8 737	8 635	8 794	8 524	8 529	8 619
1997	9 153	9 228	9 406	9 453	9 244	9 169	9 089	9 133	9 275	9 776	9 967	10 366
	Seasonally Adjusted—Millions of Dollars											
1987	6 107	8 200	6 126	6 112	6 179	6 072	6 338	8 343	8 431	6 400	6 390	6 668
1988	8 673	6 737	8 986	7 056	7 075	7 170	7 211	7 348	7 448	7 631	7 701	7 941
1989	7 987	7 984	8 364	8 592	8 532	8 841	8 648	8 682	8 614	8 452	8 478	8 178
1990	8 328	8 198	7 993	8 053	7 942	8 178	8 232	7 998	7 836	7 950	7 811	7 578
1991	7 765	7 145	8 847	8 724	8 633	8 289	8 153	6 063	8 017	5 767	5 712	5 806
1992	5 826	5 858	5 870	5 792	5 816	5 878	5 921	5 950	8 038	6 131	8 123	6 106
1993	6 159	8 143	6 079	5 958	6 064	5 879	5 909	6 087	5 981	5 999	6 041	6 071
1994	6 024	6 184	8 307	6 543	8 585	8 817	8 883	6 930	7 093	7 227	7 413	7 338
1995	7 693	7 624	7 818	7 827	7 922	7 957	8 002	7 957	8 106	8 339	8 412	8 512
1996	8 500	8 885	8 770	8 789	8 882	8 938	8 928	8 959	9 112	8 889	8 717	8 759
1997	9 034	8 956	8 993	9 114	9 059	9 163	9 277	9 467	9 600	9 975	10 194	10 526
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.4	1.5	–1.2	–.2	1.1	–1.7	4.4	.1	1.4	–.5	–.2	4.4
1988	.1	1.0	3.7	1.0	.3	1.3	.8	1.9	1.4	2.5	.9	3.1
1989	.6	–	4.8	2.7	–.7	1.3	.1	.4	–.8	–1.9	.3	–3.5
1990	1.8	–1.8	–2.5	.8	–1.4	3.0	.7	–2.8	–2.0	1.5	–1.7	–3.0
1991	2.5	–8.0	–4.2	–1.8	–1.4	–5.5	–1.9	–1.5	–.8	–4.2	–1.0	1.8
1992	.3	.5	.2	–1.3	.4	1.1	.7	.5	1.4	1.6	–.1	–.3
1993	.9	–.3	–1.0	–2.0	1.8	–3.1	.5	3.0	–1.7	.3	.7	.5
1994	–.8	2.7	2.0	3.7	.6	3.5	.7	1.0	2.4	1.9	2.6	–1.0
1995	4.8	–.9	2.5	.1	1.2	.4	.6	–.8	1.9	2.9	.9	1.2
1996	–.1	4.5	–1.3	.2	1.1	.8	–.1	.4	1.7	–4.6	.3	.5
1997	3.1	–.9	.4	1.3	–.6	1.1	1.2	2.0	1.4	3.9	2.2	3.3
	METALWORKING MACHINERY—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 588	5 559	5 543	5 555	5 504	5 490	5 484	5 525	5 583	5 603	5 585	5 562
1988	5 746	5 895	8 183	8 435	8 551	8 708	7 072	7 358	7 588	7 573	7 915	7 919
1989	8 147	8 358	8 381	8 378	8 342	8 223	8 270	8 069	8 494	8 423	8 353	7 791
1990	7 818	7 781	7 881	7 852	7 509	7 592	7 488	7 497	7 588	7 535	7 478	7 598
1991	7 585	7 447	7 590	7 818	7 480	7 448	7 824	7 694	7 843	7 825	7 783	8 177
1992	8 414	8 432	8 400	8 374	8 179	7 992	8 009	7 645	7 518	7 213	8 919	6 683
1993	6 547	8 537	8 403	8 303	8 104	8 283	8 302	6 424	8 450	8 277	6 389	6 754
1994	7 217	7 385	7 788	7 915	7 911	8 265	8 301	8 427	8 524	8 427	8 583	8 527
1995	8 878	9 079	9 418	9 601	9 802	9 705	9 718	9 504	9 342	9 097	8 653	8 221
1996	8 393	8 801	8 613	8 525	8 692	8 819	8 848	8 887	8 891	8 864	8 577	8 215
1997	8 398	8 814	8 565	8 772	8 589	8 097	7 935	8 118	7 717	7 674	7 581	7 149
	Seasonally Adjusted—Millions of Dollars											
1987	5 588	5 559	5 543	5 555	5 504	5 490	5 484	5 525	5 583	5 603	5 585	5 562
1988	5 746	5 895	8 183	8 435	6 551	8 708	7 072	7 358	7 588	7 573	7 915	7 919
1989	8 147	8 358	8 381	8 378	8 342	8 223	8 270	8 069	8 494	8 423	8 353	7 791
1990	7 818	7 781	7 881	7 652	7 509	7 592	7 488	7 497	7 588	7 535	7 476	7 598
1991	7 585	7 447	7 590	7 818	7 480	7 448	7 824	7 694	7 843	7 625	7 763	8 177
1992	8 414	8 432	8 400	8 374	8 179	7 992	8 009	7 645	7 516	7 213	8 919	8 883
1993	8 547	8 537	8 403	8 303	6 104	6 283	8 302	8 424	8 450	8 277	8 389	8 754
1994	7 217	7 385	7 788	7 915	7 911	8 265	8 301	8 427	8 524	8 427	8 563	8 527
1995	8 878	9 079	9 416	9 801	9 802	9 705	9 718	9 504	9 342	9 097	8 653	8 221
1996	8 393	8 601	8 813	8 525	8 692	8 619	8 848	8 887	8 891	8 864	8 577	8 215
1997	8 398	8 614	8 565	8 772	8 569	8 097	7 935	8 118	7 717	7 674	7 581	7 149
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	–.5	–.3	.2	–.9	–.3	–.1	.7	1.0	.4	–.3	–.4
1988	3.3	2.8	4.9	4.1	1.8	2.4	5.4	4.0	3.1	–.2	4.5	.1
1989	2.9	2.8	.3	–	–.4	–1.4	.8	–2.4	5.3	–.8	–.8	–6.7
1990	.3	–.4	1.0	–2.7	–1.9	1.1	–1.4	.1	1.2	–.7	–.8	1.6
1991	–.1	–1.8	1.9	.4	–1.8	–.5	2.4	.9	1.9	–2.8	1.8	5.3
1992	2.9	.2	–.4	–.3	–2.3	–2.3	.2	–4.5	–1.7	–4.0	–4.1	–3.4
1993	–2.0	–.2	–2.0	–1.8	–3.2	2.9	.3	1.9	.4	–2.7	1.8	5.7
1994	8.9	2.3	5.4	1.7	–.1	4.5	.4	1.5	1.2	–1.1	1.8	–.4
1995	4.1	2.3	3.7	2.0	2.1	–1.0	.1	–2.2	–1.7	–2.6	–4.9	–5.0
1996	2.1	2.5	.1	–1.0	2.0	–.8	2.7	.4	–	–.3	–3.2	–4.2
1997	2.2	2.8	–.8	2.4	–2.3	–5.5	–2.0	2.3	–4.9	–.8	–1.2	–5.7

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	COMPUTER AND OFFICE EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	13 274	13 579	13 440	13 874	14 170	14 254	14 217	14 174	13 836	13 851	13 832	13 301
1988	13 412	13 831	13 387	13 808	13 975	14 001	13 990	14 530	13 683	13 467	13 493	13 062
1989	13 101	12 935	12 734	12 785	12 719	12 062	11 848	12 053	11 973	11 989	12 188	11 583
1990	11 486	11 546	11 397	11 710	11 967	11 328	11 979	11 520	12 061	11 675	11 677	10 676
1991	10 940	10 960	10 853	10 709	11 156	11 007	11 001	10 970	10 640	10 315	10 029	8 889
1992	8 663	8 526	8 343	8 161	8 283	7 976	7 690	7 824	7 767	7 785	7 635	7 246
1993	7 173	7 603	7 093	6 952	7 551	7 291	6 980	6 878	6 403	6 416	7 114	6 494
1994	6 566	6 489	6 760	7 341	8 274	8 364	8 828	9 183	9 544	10 402	10 647	9 859
1995	9 845	10 323	10 463	10 720	10 779	10 925	10 596	10 462	9 953	10 169	10 549	9 561
1996	9 354	9 352	8 955	9 347	9 701	9 637	10 219	10 340	9 737	10 356	10 434	9 980
1997	9 789	9 911	9 417	9 546	9 861	9 024	9 132	8 621	8 396	8 310	8 351	7 632
	Seasonally Adjusted—Millions of Dollars											
1987	13 605	13 595	13 636	13 809	13 918	14 013	14 058	13 894	13 811	13 868	13 755	13 683
1988	13 755	13 905	13 635	13 792	13 735	13 850	13 836	14 214	13 602	13 404	13 323	13 461
1989	13 444	13 067	13 012	12 826	12 489	11 963	11 719	11 781	11 853	11 863	11 967	11 980
1990	11 803	11 726	11 674	11 811	11 703	11 227	11 860	11 259	11 923	11 482	11 394	11 076
1991	11 276	11 190	11 154	10 862	10 854	10 881	10 886	10 729	10 527	10 083	9 728	9 237
1992	8 972	8 724	8 603	8 308	8 025	7 847	7 597	7 656	7 723	7 602	7 364	7 530
1993	7 457	7 799	7 347	7 081	7 305	7 155	6 877	6 733	6 408	6 252	6 838	6 731
1994	6 842	6 656	7 029	7 466	7 999	8 210	8 668	8 996	9 617	10 149	10 202	10 185
1995	10 258	10 579	10 912	10 864	10 421	10 764	10 356	10 266	10 071	9 932	10 107	9 865
1996	9 744	9 558	9 335	9 444	9 389	9 525	9 952	10 161	9 863	10 147	10 005	10 303
1997	10 187	10 107	9 801	9 621	9 545	8 947	8 878	8 474	8 497	8 159	8 038	7 885
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–3.4	–.1	.3	1.3	.8	.7	.3	–1.2	–.6	.4	–.8	–.5
1988	.5	1.1	–1.9	1.2	–.4	.8	–.1	2.7	–4.3	–1.5	–.6	1.0
1989	–.1	–2.8	–.4	–1.4	–2.6	–4.2	–2.0	.5	.6	.1	.9	.1
1990	–1.5	–.7	–.4	1.2	–.9	–4.1	5.6	–5.1	5.9	–3.7	–.8	–2.8
1991	1.8	–.8	–.3	–2.6	–.1	.2	–	–1.4	–1.9	–4.2	–3.5	–5.0
1992	–2.9	–2.8	–1.4	–3.4	–3.4	–2.2	–3.2	.8	.9	–1.6	–3.1	2.3
1993	–1.0	4.6	–5.8	–3.6	3.2	–2.1	–3.9	–2.1	–4.8	–2.4	9.4	–1.6
1994	1.6	–2.7	5.6	6.2	7.1	2.6	5.6	3.8	6.9	5.5	.5	–.2
1995	.7	3.1	3.1	–.4	–4.1	3.3	–3.8	–.9	–1.9	–1.4	1.8	–2.4
1996	–1.2	–1.9	–2.3	1.2	–.6	1.4	4.5	2.1	–2.9	2.9	–1.4	3.0
1997	–1.1	–.8	–3.0	–1.8	–.8	–6.3	–.8	–4.6	.3	–4.0	–1.5	–1.9
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	41 765	41 801	41 797	42 140	42 296	42 755	43 399	43 190	43 448	43 492	43 574	43 998
1988	44 889	45 566	46 488	46 699	46 795	46 795	47 198	46 937	46 714	46 803	46 431	45 908
1989	46 231	46 428	45 877	45 485	44 327	44 192	44 587	44 011	43 802	43 604	43 399	43 792
1990	44 518	44 852	44 873	44 824	44 959	44 839	44 756	44 904	44 113	44 107	43 022	43 642
1991	43 731	45 590	44 876	45 708	45 297	43 533	44 021	43 237	42 369	42 191	41 887	42 023
1992	42 769	43 186	42 658	43 064	43 084	42 825	42 975	42 962	42 852	43 331	43 319	43 225
1993	44 904	44 952	43 372	44 145	43 319	42 675	43 906	43 838	43 727	45 289	44 596	43 594
1994	45 475	45 848	44 883	46 807	46 181	44 778	44 524	43 608	42 894	43 182	43 389	43 575
1995	46 197	47 002	47 514	49 998	50 764	49 332	52 591	52 070	50 564	53 655	51 490	49 762
1996	52 255	51 517	50 226	51 445	50 181	48 529	51 558	51 363	48 775	54 536	53 407	48 303
1997	52 078	54 828	52 536	52 982	54 687	54 069	52 205	56 693	54 719	57 706	55 596	53 306
	Seasonally Adjusted—Millions of Dollars											
1987	42 067	41 828	41 548	41 805	41 926	42 559	42 975	42 994	43 519	43 750	44 150	44 741
1988	45 209	45 512	46 182	46 152	46 331	46 592	46 774	46 797	46 919	47 104	46 994	46 702
1989	46 466	46 189	45 558	44 923	43 892	44 101	44 309	43 943	44 104	43 920	43 946	44 616
1990	44 668	44 442	44 365	44 126	44 453	44 865	44 537	44 899	44 531	44 370	43 527	44 501
1991	43 738	45 097	44 681	44 911	44 721	43 631	43 854	43 253	42 906	42 369	42 387	42 988
1992	42 707	42 622	42 632	42 201	42 480	43 051	42 748	42 913	43 598	43 285	43 903	44 348
1993	44 633	44 295	43 509	43 200	42 740	43 041	43 584	43 721	44 590	45 037	45 083	44 784
1994	45 051	45 169	45 160	45 885	45 687	45 380	44 094	43 367	43 872	42 715	43 769	44 941
1995	45 581	46 338	48 058	49 128	50 312	50 247	51 894	51 567	51 948	52 600	51 689	51 470
1996	51 400	50 805	51 024	50 821	49 871	49 603	50 830	50 724	50 113	53 172	53 401	49 943
1997	51 153	53 869	53 553	52 627	54 439	55 379	51 522	55 854	56 163	56 026	55 411	55 174
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.7	–.6	–.7	.6	.3	1.5	1.0	–	1.2	.5	.9	1.3
1988	1.0	.7	1.5	–.1	.4	.6	.4	–	.3	.4	–.2	–.6
1989	–.5	–.6	–1.4	–1.4	–2.3	.5	.5	–.8	.4	–.4	.1	1.5
1990	.1	–.5	–.2	–.5	.7	.9	–.7	.8	–.8	–.4	–1.9	2.2
1991	–1.7	3.1	–.9	.5	–.4	–2.4	.5	–1.4	–.8	–1.3	–	1.4
1992	–.7	–.2	–	–1.0	.7	1.3	–.7	.4	1.6	–.7	1.4	1.0
1993	.6	–.8	–1.8	–.7	–1.1	.7	1.3	.3	2.0	1.0	.1	–.7
1994	.6	.3	–	1.6	–.4	–.7	–2.8	–1.6	1.2	–2.6	2.5	2.7
1995	1.4	1.7	3.7	2.2	2.4	–.1	3.3	–.6	.7	1.3	–1.7	–.4
1996	–.1	–1.2	.4	–.4	–1.9	–.5	2.5	–.2	–1.2	6.1	.4	–6.5
1997	2.4	5.3	–.6	–1.7	3.4	1.7	–7.0	8.4	.6	–.2	–1.1	–.4

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ELECTRICAL TRANSMISSION AND DISTRIBUTION EQUIPMENT AND INDUSTRIAL APPARATUS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1967	5 691	5 934	5 927	5 911	5 796	5 713	5 692	5 790	5 881	5 883	5 860	5 730
1988	5 870	5 963	6 093	6 154	6 194	6 175	8 333	6 486	6 426	6 617	6 599	6 572
1989	6 939	7 010	7 014	8 990	6 872	6 798	6 750	6 564	6 508	6 419	6 406	6 293
1990	6 605	6 645	6 413	6 520	6 433	6 147	6 257	6 368	8 383	6 597	6 282	6 410
1991	6 628	6 721	6 612	6 608	6 534	6 289	6 530	6 492	6 299	6 349	6 181	6 141
1992	6 433	8 382	6 260	6 339	6 273	6 190	6 098	6 115	5 892	5 990	6 006	5 615
1993	6 067	6 161	6 143	6 237	6 192	6 123	6 143	6 250	6 269	6 328	6 349	6 282
1994	6 520	6 652	6 613	6 656	6 604	6 509	6 510	6 430	6 261	6 450	6 335	6 147
1995	6 430	6 574	6 492	6 559	6 589	6 475	6 555	6 545	6 234	6 474	6 374	6 240
1996	6 254	6 410	6 442	6 329	6 324	6 247	6 692	6 626	6 488	8 600	6 718	6 611
1997	6 869	7 058	7 171	7 198	7 146	6 920	6 959	6 869	6 707	6 384	6 400	6 518
	Seasonally Adjusted—Millions of Dollars											
1987	5 853	5 857	5 640	5 821	5 765	5 779	5 744	5 809	5 914	5 652	5 907	5 860
1988	5 823	5 880	6 012	6 057	6 174	6 242	6 376	6 513	8 480	6 591	6 657	6 736
1989	6 674	6 892	6 930	8 873	6 832	6 869	6 784	6 586	6 586	6 415	8 470	6 465
1990	8 537	6 518	6 341	6 404	6 381	6 205	6 283	6 382	6 476	6 609	6 356	6 599
1991	8 551	6 580	6 543	6 483	6 468	6 342	6 553	8 496	6 399	8 375	6 257	6 332
1992	6 361	6 242	6 193	6 214	6 198	6 228	6 110	6 107	5 989	6 028	6 106	6 011
1993	6 003	6 025	6 073	8 115	6 109	6 150	8 151	6 243	6 398	8 378	6 454	6 497
1994	6 463	6 510	6 522	6 529	8 511	6 528	6 507	6 425	6 392	6 511	6 438	6 352
1995	6 397	6 442	6 391	6 435	6 491	6 486	6 540	6 540	6 342	6 545	6 478	6 441
1996	8 242	8 287	6 332	6 208	6 227	6 263	6 668	6 623	6 602	6 680	6 837	6 811
1997	6 869	6 922	7 031	7 051	7 033	6 935	6 935	6 887	6 828	6 467	6 515	6 711
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.3	.1	–.3	–.3	–.6	–.1	–.6	1.1	1.6	–1.0	.9	–.8
1988	–.6	1.0	2.2	.7	1.9	1.1	2.1	2.1	–.5	1.7	1.0	1.2
1989	2.0	.3	.6	–.8	–.6	.5	–1.2	–2.9	–	–2.6	.9	–.1
1990	1.1	–.3	–2.7	1.0	–.4	–2.8	1.3	1.6	1.5	2.1	–3.8	3.8
1991	–.7	.4	–.6	–.9	–.2	–1.9	3.3	–.9	–1.5	–.4	–1.9	1.2
1992	.5	–1.9	–.8	.3	–.3	.5	–1.9	–	–1.9	.7	1.3	–1.6
1993	–.1	.4	.8	.7	–.1	.7	–	1.5	2.5	–.3	1.2	.7
1994	–.5	.7	.2	.1	–.3	.3	–.3	–1.3	–.5	1.9	–1.1	–1.3
1995	.7	.7	–.8	.7	.9	–	.8	–	–3.0	3.2	–1.0	–.6
1996	–3.1	.7	.7	–2.0	.3	.6	6.5	–.7	–.3	1.2	2.4	–.4
1997	.9	.6	1.6	.3	–.3	–1.4	–	–1.0	–.6	–5.3	.7	3.0
	ELECTRIC LIGHTING AND WIRING EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 938	1 968	1 879	1 896	1 919	1 924	1 934	1 963	1 989	1 980	1 967	2 029
1988	2 101	2 100	2 137	2 152	2 204	2 186	2 159	2 179	2 190	2 253	2 267	2 241
1989	2 370	2 416	2 426	2 529	2 582	2 564	2 591	2 694	2 660	2 785	2 742	2 694
1990	2 726	2 799	2 639	2 816	2 890	2 983	3 058	2 964	2 971	2 952	2 931	2 955
1991	3 114	3 165	3 059	2 965	2 998	2 977	3 274	3 223	3 165	3 137	3 070	3 141
1992	3 164	3 176	3 103	3 180	3 176	3 097	3 070	3 111	3 047	3 070	3 098	3 174
1993	3 248	3 293	3 205	3 248	3 301	3 269	3 341	3 330	3 257	3 270	3 376	3 332
1994	3 385	3 395	3 404	3 459	3 512	3 562	3 627	3 626	3 683	3 806	3 748	3 773
1995	3 914	3 997	3 992	3 985	3 994	3 903	3 945	4 068	3 942	3 685	3 796	3 902
1996	4 021	4 075	4 101	4 142	4 143	4 154	4 325	4 395	4 350	4 423	4 366	4 510
1997	4 621	4 566	4 476	4 603	4 575	4 545	4 726	4 837	4 719	4 915	4 882	4 927
	Seasonally Adjusted—Millions of Dollars											
1967	1 938	1 968	1 879	1 696	1 919	1 924	1 934	1 963	1 989	1 980	1 967	2 029
1988	2 101	2 100	2 137	2 152	2 204	2 186	2 159	2 179	2 190	2 253	2 287	2 241
1989	2 370	2 416	2 426	2 529	2 582	2 564	2 591	2 694	2 660	2 765	2 742	2 694
1990	2 726	2 799	2 839	2 816	2 890	2 983	3 056	2 964	2 971	2 952	2 931	2 955
1991	3 114	3 165	3 059	2 965	2 996	2 977	3 274	3 223	3 165	3 137	3 070	3 141
1992	3 164	3 178	3 103	3 180	3 176	3 097	3 070	3 111	3 047	3 070	3 096	3 174
1993	3 248	3 293	3 205	3 248	3 301	3 269	3 341	3 330	3 257	3 270	3 376	3 332
1994	3 365	3 395	3 404	3 459	3 512	3 562	3 627	3 828	3 683	3 606	3 748	3 773
1995	3 914	3 997	3 992	3 985	3 994	3 903	3 945	4 068	3 942	3 865	3 796	3 902
1996	4 021	4 075	4 101	4 142	4 143	4 154	4 325	4 395	4 350	4 423	4 366	4 510
1997	4 621	4 568	4 478	4 603	4 575	4 545	4 726	4 837	4 719	4 915	4 882	4 927
	Seasonally Adjusted—Percent Change From Previous Period											
1967	1.3	1.5	–4.5	.9	1.2	.3	.5	1.5	1.3	–.5	–.7	3.2
1988	3.5	–	1.8	.7	2.4	–.8	–1.2	.9	.5	2.9	1.5	–2.0
1989	5.8	1.9	.4	4.2	2.1	–.7	1.1	4.0	–1.3	4.7	–1.5	–1.8
1990	1.2	2.7	1.4	–.8	2.6	3.2	2.5	–3.1	.2	–.6	–.7	.8
1991	5.4	1.6	–3.3	–3.1	1.1	–.7	10.0	–1.6	–1.2	–1.5	–2.1	2.3
1992	.7	.4	–2.4	2.5	–.1	–2.5	–.9	1.3	–2.1	.8	.9	2.5
1993	2.3	1.4	–2.7	1.3	1.6	–1.0	2.2	–.3	–2.2	.4	3.2	–1.3
1994	1.6	.3	.3	1.6	1.5	1.4	1.6	–	1.6	3.3	–1.5	.7
1995	3.7	2.1	–.1	–.2	.2	–2.3	1.1	3.1	–3.1	–1.4	–2.3	2.8
1996	3.0	1.3	.6	1.0	–	.3	4.1	1.6	–1.0	1.7	–1.3	3.3
1997	2.5	–1.1	–2.0	2.8	–.6	–.7	4.0	2.3	–2.4	4.2	–.7	.9

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	COMMUNICATION EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	18 159	17 974	17 604	17 591	17 278	17 825	17 896	17 396	17 497	17 482	17 443	17 716
1988	17 973	17 909	18 103	18 089	18 068	17 944	17 997	18 173	18 299	18 623	18 831	18 618
1989	18 472	18 298	17 848	17 181	16 518	18 262	16 647	18 184	18 155	15 791	15 585	15 979
1990	15 949	15 819	15 696	15 566	15 500	16 165	18 088	18 019	15 865	15 941	15 491	16 402
1991	15 939	16 169	15 630	15 381	14 863	14 648	14 412	13 897	13 858	13 581	13 176	13 283
1992	13 282	13 162	13 379	13 164	13 207	13 310	13 455	13 365	13 448	13 662	13 511	13 643
1993	13 495	13 229	12 802	12 877	12 796	13 183	13 195	13 247	14 233	14 572	14 517	14 334
1994	14 049	14 171	14 080	14 129	13 604	13 189	12 957	12 475	12 810	12 434	12 355	12 901
1995	13 150	12 907	13 580	13 543	13 841	13 608	13 546	13 036	14 035	14 120	13 961	13 429
1996	13 880	14 107	14 621	14 745	14 226	13 852	14 184	13 771	13 145	14 423	14 349	12 426
1997	12 617	13 597	13 910	13 917	14 271	15 205	14 848	14 680	15 180	14 957	14 792	14 331
	Seasonally Adjusted—Millions of Dollars											
1987	18 147	17 947	17 504	17 559	17 304	17 864	17 911	17 458	17 495	17 493	17 424	17 728
1988	17 953	17 874	18 029	18 071	18 128	17 996	17 991	18 235	18 300	18 629	18 770	18 635
1989	18 443	18 254	17 792	17 158	16 600	18 318	16 628	18 241	16 158	15 790	15 499	15 996
1990	15 919	15 774	15 860	15 566	15 596	16 224	16 058	16 084	15 862	15 920	15 403	16 424
1991	15 918	16 141	15 614	15 374	14 945	14 694	14 381	13 954	13 652	13 529	13 102	13 299
1992	13 287	13 149	13 395	13 149	13 263	13 328	13 402	13 355	13 447	13 633	13 493	13 678
1993	13 512	13 230	12 825	12 854	12 843	13 191	13 142	13 230	14 233	14 543	14 519	14 354
1994	14 071	14 175	14 100	14 104	13 840	13 193	12 921	12 464	12 808	12 412	12 366	12 905
1995	13 169	12 909	13 591	13 525	13 863	13 610	13 529	13 031	14 035	14 102	13 977	13 421
1996	13 895	14 102	14 623	14 733	14 243	13 853	14 162	13 778	13 144	14 405	14 363	12 409
1997	12 629	13 588	13 906	13 913	14 282	15 206	14 856	14 697	15 181	14 938	14 803	14 306
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.4	−1.1	−2.5	.3	−1.5	3.2	.3	−2.5	.2	–	−.4	1.7
1988	1.3	−.4	.9	.2	.3	−.7	–	1.4	.4	1.8	.8	−.7
1989	−1.0	−1.0	−2.5	−3.6	−3.3	−1.7	1.9	−2.3	−.5	−2.3	−1.8	3.2
1990	−.5	−.9	−.7	−.6	.2	4.0	−1.0	.2	−1.4	.4	−3.2	6.6
1991	−3.1	1.4	−3.3	−1.5	−2.8	−1.7	−2.1	−3.0	−2.2	−.9	−3.2	1.5
1992	−.1	−1.0	1.9	−1.8	.9	.5	.6	−.4	.7	1.4	−1.0	1.4
1993	−1.2	−2.1	−3.1	.2	−.1	2.7	−.4	.7	7.6	2.2	−.2	−1.1
1994	−2.0	.7	−.5	–	−3.3	−3.3	−2.1	−3.5	2.8	−3.1	−.4	4.4
1995	2.0	−2.0	5.3	−.5	2.5	−1.8	−.6	−3.7	7.7	.5	−.9	−4.0
1996	3.5	1.5	3.7	.8	−3.3	−2.7	2.2	−2.7	−4.8	9.6	−.3	−13.6
1997	1.8	7.6	2.3	.1	2.7	6.5	−2.3	−1.1	3.2	−1.5	−.9	−3.4
	ELECTRONIC COMPONENTS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	12 372	12 587	13 113	13 580	14 025	14 189	14 682	14 698	14 727	14 958	15 192	15 401
1988	15 629	18 174	18 712	18 925	16 956	17 017	17 081	16 339	18 073	15 522	15 046	14 945
1989	14 751	14 954	14 788	15 125	14 734	14 758	14 749	14 631	14 582	14 622	14 566	14 695
1990	14 815	14 919	15 128	15 368	15 869	15 100	14 789	14 824	14 250	14 127	13 980	13 851
1991	13 767	14 811	14 885	15 978	15 974	14 985	14 945	14 705	14 483	14 241	14 713	14 993
1992	15 397	15 853	15 278	15 733	15 872	15 837	15 920	15 966	16 045	18 057	16 362	16 566
1993	17 706	17 727	18 867	17 444	18 736	15 901	18 728	16 503	15 539	16 470	15 603	15 152
1994	16 628	16 678	18 210	17 916	17 750	16 859	18 690	16 240	15 359	15 654	16 084	15 931
1995	17 730	18 813	18 759	21 125	21 497	20 334	23 345	22 997	21 142	23 847	22 483	21 482
1996	22 620	21 361	19 796	21 034	20 155	19 041	21 177	21 148	19 566	23 829	22 703	19 616
1997	21 956	23 321	20 930	21 070	22 503	21 224	19 415	23 678	21 561	24 724	23 401	21 540
	Seasonally Adjusted—Millions of Dollars											
1987	12 872	12 692	13 001	13 258	13 648	13 879	14 259	14 590	14 895	15 276	15 700	15 849
1988	15 990	18 267	18 560	16 439	18 445	16 661	18 683	18 262	18 312	15 872	15 551	15 380
1989	15 035	14 960	14 854	14 640	14 240	14 479	14 507	14 616	14 847	14 969	15 055	15 134
1990	15 002	14 807	15 017	14 808	15 118	14 904	14 618	14 856	14 585	14 443	14 451	14 300
1991	13 809	14 591	14 810	15 339	15 389	14 883	14 819	14 758	14 913	14 501	15 208	15 549
1992	15 358	15 536	15 320	15 028	15 293	15 915	15 763	16 018	16 877	16 069	16 876	17 247
1993	17 502	17 335	17 046	18 648	18 187	16 159	16 472	18 500	16 275	16 265	15 980	15 847
1994	16 327	16 306	16 539	17 130	17 293	17 167	18 302	16 128	16 208	15 210	16 300	16 735
1995	17 287	18 436	19 355	20 349	21 093	21 191	22 680	22 658	22 414	22 812	22 489	22 658
1996	21 946	20 951	20 641	20 487	19 900	20 061	20 487	20 687	20 803	22 481	22 448	20 739
1997	21 175	22 865	22 022	20 815	22 350	22 485	18 760	23 055	22 918	23 089	22 925	22 827
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−4.9	.2	2.4	2.0	2.9	1.7	2.7	2.3	2.1	2.6	2.8	.9
1988	.9	1.7	1.8	−.7	–	1.3	.1	−2.5	.3	−2.7	−2.0	−1.1
1989	−2.2	−.5	−2.0	−.1	−2.7	1.7	.2	.8	1.6	.8	.6	.5
1990	−.9	−1.3	1.4	−1.4	2.1	−1.4	−1.9	1.6	−1.8	−1.0	.1	−1.0
1991	−3.4	5.7	1.5	3.6	.3	−3.3	−.4	−.4	1.1	−2.8	4.9	2.2
1992	−1.2	1.2	−1.4	−1.9	1.8	4.1	−1.0	1.6	4.1	−3.6	5.0	2.2
1993	1.5	−1.0	−1.7	−2.3	−2.8	−.2	1.9	.2	−1.4	−.1	−1.8	−.8
1994	3.0	−.1	1.4	3.6	1.0	−.7	−5.0	−1.1	.5	−6.2	7.2	2.7
1995	3.3	6.6	5.0	5.1	3.7	.5	7.0	−.1	−1.1	1.8	−1.4	.8
1996	−3.1	−4.5	−1.5	−.7	−2.9	.8	2.1	1.0	.6	8.1	−.1	−7.6
1997	2.1	8.0	−3.7	−5.5	7.4	.6	−16.6	22.9	−.6	.7	−.7	−.4

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
TRANSPORTATION EQUIPMENT, TOTAL—UNFILLED ORDERS												
Not Seasonally Adjusted—Millions of Dollars												
1987	163 064	162 971	164 748	165 817	167 568	167 836	171 225	171 425	170 107	170 648	173 296	177 133
1988	182 075	185 305	186 689	189 431	187 043	189 816	192 064	194 397	197 033	200 922	203 219	211 919
1989	216 876	219 146	225 999	230 136	229 740	230 849	237 739	237 070	237 600	239 319	245 627	253 678
1990	256 793	257 217	263 781	264 931	265 965	264 728	266 306	265 582	268 038	272 914	272 565	279 087
1991	281 559	283 063	285 149	281 590	278 397	275 512	280 246	280 284	276 547	275 030	275 938	275 218
1992	274 877	271 922	272 146	272 848	271 407	269 707	265 916	262 098	258 612	258 518	253 640	253 095
1993	250 688	250 134	247 747	245 018	241 161	240 345	238 374	235 518	230 959	228 175	226 630	225 044
1994	228 458	228 703	225 134	222 875	220 968	219 480	217 196	214 410	213 241	212 289	211 166	215 052
1995	214 819	215 305	216 095	213 461	212 571	209 375	207 473	206 972	210 312	210 526	211 476	219 085
1996	226 740	228 682	235 891	234 346	235 421	238 097	239 305	236 363	239 571	241 771	244 277	249 151
1997	252 330	251 786	251 692	249 012	245 944	245 907	243 290	242 826	241 404	243 259	253 617	254 517
Seasonally Adjusted—Millions of Dollars												
1987	161 220	160 812	162 092	163 523	167 161	168 742	172 474	173 811	171 955	172 632	174 212	178 588
1988	180 550	183 336	184 189	187 447	186 657	190 685	193 223	196 656	198 528	202 542	203 811	211 575
1989	215 799	217 695	223 823	228 383	229 315	231 431	238 624	238 969	238 807	240 521	245 948	253 517
1990	256 047	256 240	261 965	263 492	265 511	265 042	267 059	287 108	269 241	273 891	272 962	279 082
1991	281 012	282 494	283 626	280 225	277 907	275 436	280 805	281 521	277 864	275 996	276 571	275 260
1992	274 275	271 444	270 636	271 433	270 927	269 492	266 335	263 061	259 968	259 633	254 519	253 076
1993	250 011	249 735	246 350	243 644	240 668	239 973	238 647	238 354	232 295	229 336	227 740	225 256
1994	227 759	228 258	223 700	221 383	220 443	219 174	217 446	215 196	214 624	213 704	212 564	215 171
1995	213 940	214 720	214 532	211 906	212 081	209 082	207 658	207 811	211 744	212 100	212 965	219 101
1996	225 681	225 982	234 210	232 740	234 932	237 821	239 581	237 340	241 039	243 467	245 954	249 119
1997	250 980	250 900	249 978	247 420	245 495	245 654	243 587	243 845	242 911	244 973	255 173	254 579
Seasonally Adjusted—Percent Change From Previous Period												
1987	–	–.3	.8	.9	2.2	.9	2.2	.8	–1.1	.4	.9	1.4
1988	2.2	1.5	.5	1.8	–.4	2.2	1.3	1.8	1.0	2.0	.8	3.8
1989	2.0	.9	2.8	2.0	.4	.9	3.1	.1	–.1	.7	2.3	3.1
1990	1.0	.1	2.2	.6	.8	–.2	.8	–	.8	1.7	–.3	2.2
1991	.7	.5	.4	–1.2	–.8	–.9	1.9	.3	–1.3	–.7	.2	–.5
1992	–.4	–1.0	–.3	.3	–.2	–.5	–1.2	–1.2	–1.2	–.1	–2.0	–.6
1993	–1.2	–.1	–1.4	–1.1	–1.2	–.3	–.6	–1.0	–1.7	–1.3	–.7	–1.1
1994	1.1	–.7	–1.1	–1.0	–.4	–.8	–.8	–1.0	–.3	–.4	–.5	1.2
1995	–.6	.4	–.1	–1.2	.1	–1.4	–.7	.1	1.9	.2	.4	2.9
1996	3.0	.1	3.8	–.8	.9	1.2	.7	–.9	1.6	1.0	1.0	1.3
1997	.7	–	–.4	–1.0	–.8	.1	–.8	.1	–.4	.8	4.2	–.2
AIRCRAFT, MISSILES, SPACE VEHICLES, AND PARTS—UNFILLED ORDERS												
Not Seasonally Adjusted—Millions of Dollars												
1987	135 504	135 378	135 981	138 475	137 148	136 017	139 085	139 681	138 911	140 000	141 268	145 822
1988	149 854	152 937	153 441	155 839	153 894	156 446	157 988	160 643	163 520	166 195	168 540	175 110
1989	180 237	181 675	188 602	193 508	193 430	194 041	201 268	201 710	202 929	204 497	210 960	217 937
1990	220 951	220 664	227 748	228 282	229 117	228 556	230 230	228 680	231 740	238 396	236 789	242 444
1991	244 135	246 338	249 219	246 408	242 618	240 399	245 629	245 135	241 933	241 068	242 910	242 907
1992	242 352	239 253	240 008	239 776	238 239	238 653	233 349	230 185	227 825	227 906	223 441	222 371
1993	218 846	218 558	216 680	214 516	211 168	210 548	207 755	204 952	200 229	197 325	196 689	194 096
1994	197 511	196 045	193 556	191 470	190 417	189 910	186 628	184 176	182 512	181 141	180 979	180 997
1995	179 688	180 106	181 222	179 034	178 986	175 975	174 425	174 231	177 344	178 274	179 569	186 996
1996	193 182	193 542	203 264	202 356	204 137	205 308	206 336	203 511	206 863	209 988	212 190	215 362
1997	218 081	218 055	217 777	215 778	213 108	213 395	210 597	210 628	208 558	209 323	219 168	218 120
Seasonally Adjusted—Millions of Dollars												
1987	133 710	133 490	133 557	134 311	136 633	136 709	140 428	142 062	140 827	141 791	142 050	144 987
1988	148 391	151 206	151 166	153 827	153 453	157 141	159 217	162 865	164 893	167 614	168 993	174 721
1989	179 268	180 419	186 585	191 928	193 011	194 512	202 355	203 724	204 161	205 591	211 193	217 557
1990	220 152	219 680	225 915	226 863	228 741	228 823	231 195	230 370	233 002	237 303	237 086	242 208
1991	243 509	245 744	247 679	245 103	242 218	240 289	246 305	246 462	243 228	241 916	243 401	242 798
1992	241 734	238 854	238 599	238 504	237 780	236 416	233 871	231 242	229 146	228 880	224 142	222 194
1993	218 171	218 258	215 392	213 278	210 677	210 130	208 110	205 879	201 515	198 315	197 599	194 154
1994	196 873	195 788	192 323	190 160	189 855	189 464	186 931	185 052	183 803	182 319	182 119	180 969
1995	178 929	179 786	179 928	177 874	178 398	175 495	174 678	175 182	178 690	179 615	180 816	188 848
1996	192 279	193 115	201 821	200 862	203 497	204 867	206 685	204 607	208 275	211 491	213 658	215 171
1997	216 913	217 447	216 300	214 262	212 481	212 954	210 968	211 773	210 030	210 861	220 532	217 998
Seasonally Adjusted—Percent Change From Previous Period												
1987	.1	–.2	.1	.6	1.7	.1	2.7	1.2	–1.0	.8	.2	2.1
1988	2.3	1.9	–	1.8	–.2	2.4	1.3	2.3	1.2	1.7	.8	3.4
1989	2.6	.6	3.4	2.9	.6	.8	4.0	.7	.2	.7	2.7	3.0
1990	1.2	–.2	2.8	.4	.8	–	1.0	–.4	1.1	1.8	–.1	2.2
1991	.5	.9	.8	–1.0	–1.2	–.8	2.5	.1	–1.3	–.5	.6	–.2
1992	–.4	–1.2	–.1	–	–.3	–.6	–1.1	–1.1	–.9	–.1	–2.1	–.9
1993	–1.8	–	–1.3	–1.0	–1.2	–.3	–1.0	–1.1	–2.1	–1.6	–.4	–1.7
1994	1.4	–.8	–1.8	–1.1	–.2	–.2	–1.3	–1.0	–.7	–.8	–.1	–.8
1995	–1.1	.5	.1	–1.3	.4	–1.6	–.5	.3	2.0	.5	.7	3.3
1996	2.9	.4	4.5	–.5	1.3	.7	.9	–1.0	1.8	1.5	1.0	.7
1997	.8	.2	–.5	–.9	–.8	.2	–.9	.4	–.8	.4	4.8	–1.1

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	Jenuery	Februery	Merch	April	May	June	July	August	September	October	November	December
	SHIPBUILDING AND TANKS—UNFILLED ORDERS											
	Not Seesonelly Adjusted—Millions of Dollers											
1987	17 589	17 346	18 496	18 987	19 803	20 662	20 623	20 273	19 863	19 466	20 844	19 919
1988	20 756	20 728	21 646	22 165	21 947	22 355	22 617	22 288	21 990	23 356	23 397	25 486
1989	25 119	25 624	25 467	24 848	25 210	25 781	25 558	25 001	24 749	25 242	24 967	28 070
1990	26 141	27 129	27 171	27 301	27 301	27 225	27 359	28 488	28 234	28 312	28 003	28 907
1991	29 354	28 754	26 397	27 813	28 784	28 251	27 686	28 249	28 839	26 407	25 564	25 236
1992	25 130	24 782	24 254	24 879	24 918	24 525	23 965	23 577	22 932	22 676	22 206	22 505
1993	23 509	22 969	22 576	22 069	21 372	21 024	21 563	21 503	21 954	21 582	20 721	20 087
1994	19 862	19 353	18 999	18 643	18 059	17 047	17 447	16 919	17 426	17 493	16 862	19 793
1995	20 635	20 452	20 122	19 809	19 572	19 606	19 362	19 037	19 039	18 640	18 459	18 480
1996	19 516	19 217	18 962	18 519	18 159	19 528	18 874	18 611	18 210	17 817	18 181	19 464
1997	19 467	18 993	18 734	18 566	18 489	18 618	18 180	17 733	17 882	17 450	17 424	18 430
	Seesonelly Adjusted—Millions of Dollers											
1987	17 678	17 428	18 573	19 080	19 803	20 667	20 518	20 169	19 789	19 409	20 778	20 027
1988	20 848	20 803	21 708	22 229	21 941	22 345	22 548	22 218	21 936	23 329	23 375	25 545
1989	25 166	25 668	25 503	24 687	25 196	25 706	25 369	24 808	24 606	25 172	24 936	26 263
1990	26 322	27 301	27 298	27 430	27 242	27 136	27 158	28 288	28 097	28 242	28 010	29 120
1991	29 528	28 900	28 487	27 663	28 724	28 174	27 582	28 148	26 779	28 371	25 588	25 348
1992	25 214	24 636	24 305	24 903	24 917	24 471	23 900	23 520	22 893	22 648	22 164	22 570
1993	23 577	23 014	22 629	22 091	21 377	20 968	21 534	21 463	21 925	21 535	20 694	20 129
1994	19 900	19 377	19 031	18 666	18 087	17 016	17 425	16 906	17 418	17 478	16 641	19 822
1995	20 666	20 474	20 153	19 843	19 589	19 546	19 318	19 019	19 018	18 606	18 415	18 533
1996	19 548	19 243	19 018	18 604	18 201	19 431	18 810	18 592	18 177	17 767	18 124	19 526
1997	19 491	19 018	18 787	18 671	18 543	18 523	18 111	17 712	17 841	17 389	17 362	18 512
	Seesonelly Adjusted—Percent Change From Previous Period											
1987	–1.5	–1.4	6.8	2.7	3.8	4.4	–.7	–1.7	–1.9	–1.9	7.0	–3.8
1988	4.1	–.2	4.4	2.4	–1.3	1.8	.9	–1.5	–1.3	6.4	.2	9.3
1989	–1.5	2.0	–.6	–2.4	1.2	2.0	–1.3	–2.2	–.8	2.3	–.9	5.4
1990	.1	3.7	–	.5	–.7	–.4	.1	4.2	–.7	.5	–.8	4.0
1991	1.4	–2.1	–1.4	–2.2	3.1	–1.9	–2.1	2.0	–4.9	–1.5	–3.0	–.9
1992	–.5	–1.5	–2.1	2.5	.1	–1.8	–2.3	–1.6	–2.7	–1.1	–2.0	1.7
1993	4.5	–2.4	–1.7	–2.4	–3.2	–1.9	2.7	–.3	2.2	–1.8	–3.9	–2.7
1994	–1.1	–2.6	–1.8	–1.9	–3.2	–5.8	2.4	–3.0	3.0	.4	–4.8	19.1
1995	4.3	–.9	–1.6	–1.5	–1.3	–.2	–1.2	–1.5	–	–2.2	–1.0	.6
1996	5.5	–1.6	–1.2	–2.2	–2.2	6.8	–3.2	–1.2	–2.2	–2.3	2.0	7.7
1997	–.2	–2.4	–1.2	–.6	–.7	–.1	–2.2	–2.2	.7	–2.5	–.2	6.6
	INSTRUMENTS AND RELATED PRODUCTS, TOTAL—UNFILLED ORDERS											
	Not Seesonelly Adjusted—Millions of Dollars											
1987	64 068	63 798	63 483	64 477	64 006	64 542	64 782	64 578	65 480	65 686	65 749	65 737
1988	86 075	66 419	85 901	63 691	65 156	63 699	63 212	62 189	62 101	61 697	62 352	64 961
1989	85 095	65 608	64 943	64 541	63 915	64 200	63 308	61 983	63 453	63 722	64 882	66 186
1990	66 816	66 420	66 535	66 882	66 821	68 617	66 486	65 735	65 561	65 808	85 061	64 310
1991	84 166	64 880	83 828	62 773	63 000	62 665	63 418	63 360	63 191	63 587	62 657	61 807
1992	62 375	62 062	81 458	60 075	59 653	58 098	57 901	57 404	57 251	57 237	57 304	59 180
1993	60 026	59 810	59 303	60 215	59 451	57 807	57 763	57 093	58 259	56 214	55 477	55 042
1994	54 570	54 431	53 384	51 943	50 896	51 290	51 705	50 983	50 252	50 674	49 793	49 874
1995	50 217	50 302	49 699	49 125	48 478	48 446	48 213	48 074	47 601	48 192	47 965	49 330
1996	49 409	49 950	49 532	49 309	48 977	48 316	48 049	47 242	46 724	46 734	46 654	47 657
1997	48 289	49 281	49 342	49 364	48 943	48 966	50 359	49 836	48 645	48 736	49 084	50 129
	Seesonelly Adjusted—Millions of Dollars											
1987	63 902	63 479	62 629	84 063	63 893	64 574	65 074	65 371	65 920	65 955	65 646	65 374
1988	85 786	65 901	65 458	63 460	65 143	63 728	63 455	62 989	62 665	62 057	62 310	64 411
1989	64 856	64 988	64 856	64 466	64 015	64 277	63 493	62 726	64 020	63 990	84 747	65 653
1990	86 058	65 782	66 269	66 802	66 808	66 870	66 642	66 410	68 121	65 919	64 987	63 882
1991	63 565	64 202	63 513	62 960	63 202	63 130	63 566	63 894	63 648	63 532	62 677	61 490
1992	81 603	81 432	60 997	60 164	59 741	58 632	58 097	57 887	57 680	57 256	57 422	58 963
1993	59 242	59 213	58 857	80 245	59 544	58 402	58 051	57 570	56 714	58 210	55 656	54 782
1994	53 901	53 889	52 923	51 910	50 957	51 734	51 960	51 419	50 899	50 742	50 037	49 600
1995	49 718	49 823	49 234	49 025	48 473	48 708	48 448	48 453	48 077	48 394	48 314	49 027
1996	49 022	49 440	49 021	49 152	48 911	48 460	48 236	47 593	47 253	47 065	47 064	47 389
1997	47 977	48 732	48 831	49 152	48 856	49 026	50 424	50 092	49 349	49 143	49 568	49 928
	Seesonally Adjusted—Percent Change From Previous Period											
1987	–.1	–.7	–1.0	2.0	–.3	1.1	.8	.5	.8	.1	–.2	–.7
1988	.6	.2	–.7	–3.1	2.7	–2.2	–.4	–.7	–.5	–1.0	.4	3.4
1989	.4	.5	–.5	–.3	–.7	.4	–1.2	–1.2	2.1	–	1.2	1.4
1990	.6	–.4	.7	.8	–	.1	–.3	–.3	–.4	–.3	–1.4	–1.7
1991	–.5	1.0	–1.1	–.9	.4	–.1	.7	.5	–.4	–.2	–1.3	–1.9
1992	.2	–.3	–.7	–1.4	–.7	–1.9	–.9	–.4	–.4	–.7	.3	2.7
1993	.5	–	–.6	2.4	–1.2	–1.9	–.6	–.8	–1.5	–.9	–1.0	–1.6
1994	–1.6	–	–1.8	–1.9	–1.8	1.5	.4	–1.0	–1.4	.1	–1.4	–.9
1995	.2	.2	–1.2	–.4	–1.1	.5	–.5	–	–.6	.7	–.2	1.5
1996	–	.9	–.8	.3	–.5	–.9	–.5	–1.3	–.7	–.4	–	.7
1997	1.2	1.8	.2	.7	–.8	.4	2.8	–.7	–1.5	–.4	.9	.7

See footnote et end of teble.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	SEARCH AND NAVIGATION EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	50 606	50 434	50 077	50 966	50 552	50 702	50 594	50 381	51 088	51 449	51 607	51 465
1988	51 482	51 753	51 031	48 814	50 066	48 387	47 635	46 698	46 640	46 045	46 357	48 343
1989	48 782	49 433	48 516	48 033	47 227	46 898	45 965	44 648	45 002	45 010	46 276	47 433
1990	47 517	47 125	47 082	47 229	47 298	47 272	47 070	46 408	46 143	46 016	45 375	44 855
1991	44 469	45 240	44 078	43 313	43 444	43 218	43 773	43 851	43 739	43 795	43 036	42 541
1992	43 063	42 899	42 616	41 198	40 627	39 312	39 020	37 939	38 121	37 446	37 439	38 814
1993	39 304	39 092	38 879	39 905	39 151	37 804	37 601	37 199	36 945	36 674	35 883	35 880
1994	35 059	35 172	33 998	32 804	31 998	32 712	33 000	32 548	32 385	32 542	31 804	32 043
1995	31 986	31 784	31 860	31 347	30 950	30 918	30 541	30 374	30 065	30 053	29 860	31 285
1996	31 028	31 262	31 172	30 853	30 477	29 980	29 176	28 381	28 165	27 983	27 896	28 718
1997	28 499	29 300	29 703	29 412	28 619	28 807	29 696	29 191	28 741	28 274	28 377	29 243
	Seasonally Adjusted—Millions of Dollars											
1987	50 482	50 099	49 394	50 506	50 355	50 731	50 979	51 223	51 626	51 783	51 685	51 049
1988	51 225	51 212	50 556	48 505	49 942	48 387	47 944	47 517	47 297	46 530	46 337	47 727
1989	48 373	48 765	48 196	47 863	47 215	46 906	46 181	45 387	45 656	45 502	46 243	46 839
1990	47 018	46 473	46 771	47 214	47 357	47 379	47 210	47 055	46 746	46 407	45 461	44 375
1991	43 957	44 595	43 725	43 354	43 539	43 508	43 889	44 344	44 191	44 023	43 237	42 172
1992	42 410	42 335	42 160	41 203	40 721	39 687	39 180	38 347	38 429	37 671	37 712	38 529
1993	38 695	38 618	38 422	39 822	39 236	38 182	37 828	37 605	37 234	36 860	36 207	35 571
1994	34 565	34 792	33 516	32 672	32 048	32 949	33 223	32 941	32 672	32 748	32 154	31 735
1995	31 623	31 471	31 375	31 174	30 936	31 001	30 755	30 742	30 397	30 357	30 287	30 953
1996	30 763	30 946	30 639	30 636	30 407	29 936	29 341	28 737	28 533	28 408	28 372	28 408
1997	28 280	28 970	29 170	29 149	28 532	28 709	29 823	29 518	29 126	28 756	28 869	28 971
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.3	–.8	–1.4	2.3	–.3	.7	.5	.5	.8	.3	–.2	–1.2
1988	.3	–	–1.3	–4.1	3.0	–3.1	–.9	–.9	–.5	–1.6	–.4	3.0
1989	1.4	.8	–1.2	–.7	–1.4	–.7	–1.5	–1.7	.6	–.3	1.6	1.3
1990	.4	–1.2	.6	.9	.3	–	–.4	–.3	–.7	–.7	–2.0	–2.4
1991	–.9	1.5	–2.0	–.8	.4	–.1	.9	1.0	–.3	–.4	–1.8	–2.5
1992	.6	–.2	–.4	–2.3	–1.2	–2.5	–1.3	–2.1	.2	–2.0	.1	2.2
1993	.4	–.2	–.5	3.6	–1.5	–2.7	–.9	–.6	–1.0	–1.0	–1.8	–1.8
1994	–2.8	.7	–3.7	–2.5	–1.9	2.8	.8	–.8	–.8	.2	–1.8	–1.3
1995	–.4	–.5	–.3	–.6	–.8	.2	–.8	–	–1.1	–.1	–.2	2.2
1996	–.6	.6	–1.0	–	–.7	–1.5	–2.0	–2.1	–.7	–.4	–.1	.1
1997	–.5	2.4	.7	–.1	–2.1	.6	3.9	–1.0	–1.3	–1.3	.4	.4
	MEASURING AND CONTROLLING DEVICES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 717	6 584	6 551	6 546	6 472	6 585	6 670	6 667	6 671	6 636	6 623	6 671
1988	6 819	6 911	7 037	7 072	7 205	7 307	7 466	7 483	7 467	7 644	7 867	8 177
1989	8 158	8 025	8 200	8 174	8 318	8 208	8 230	8 277	8 374	8 480	8 470	8 772
1990	8 817	8 897	8 950	9 005	9 033	9 023	9 032	9 030	8 932	9 090	9 098	9 113
1991	9 229	9 310	9 497	9 396	9 434	9 514	9 500	9 439	9 315	9 370	9 485	9 520
1992	9 533	9 362	9 183	9 235	9 184	9 162	9 187	9 085	8 869	8 917	8 897	9 486
1993	9 524	9 593	9 491	9 564	9 358	9 313	9 298	9 157	8 771	8 810	8 956	8 886
1994	8 991	9 037	9 277	9 384	9 257	9 161	9 271	9 176	8 956	9 121	9 180	9 279
1995	9 619	9 890	9 643	9 699	9 665	9 706	9 880	9 953	9 826	9 937	9 954	9 963
1996	10 242	10 286	10 161	10 229	10 097	10 023	10 147	10 057	9 769	9 888	9 884	10 428
1997	10 688	10 667	10 663	10 638	10 775	10 696	10 715	10 673	10 324	10 635	10 618	10 853
	Seasonally Adjusted—Millions of Dollars											
1987	6 717	6 584	6 551	6 546	6 472	6 585	6 670	6 667	6 671	6 636	6 623	6 671
1988	6 819	6 911	7 037	7 072	7 205	7 307	7 466	7 483	7 467	7 644	7 867	8 177
1989	8 158	8 025	8 200	8 174	8 318	8 208	8 230	8 277	8 374	8 480	8 470	8 772
1990	8 817	8 897	8 950	9 005	9 033	9 023	9 032	9 030	8 932	9 090	9 098	9 113
1991	9 229	9 310	9 497	9 396	9 434	9 514	9 500	9 439	9 315	9 370	9 485	9 520
1992	9 533	9 362	9 183	9 235	9 184	9 162	9 187	9 085	8 869	8 917	8 897	9 486
1993	9 524	9 593	9 491	9 564	9 358	9 313	9 298	9 157	8 771	8 810	8 956	8 886
1994	8 991	9 037	9 277	9 384	9 257	9 161	9 271	9 176	8 956	9 121	9 180	9 279
1995	9 619	9 890	9 643	9 699	9 665	9 706	9 880	9 953	9 826	9 937	9 954	9 963
1996	10 242	10 286	10 161	10 229	10 097	10 023	10 147	10 057	9 769	9 888	9 884	10 428
1997	10 688	10 667	10 663	10 638	10 775	10 696	10 715	10 673	10 324	10 635	10 618	10 853
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	–2.0	–.5	–.1	–1.1	1.7	1.3	–	.1	–.5	–.2	.7
1988	2.2	1.3	1.8	.5	1.9	1.4	2.2	.2	–.2	2.4	2.9	3.9
1989	–.2	–1.6	2.2	–.3	1.8	–1.3	.3	.6	1.2	1.3	–.1	3.6
1990	.5	.9	.6	.6	.3	–.1	.1	–	–1.1	1.8	.1	.2
1991	1.3	.9	2.0	–1.1	.4	.8	–.1	–.6	–1.3	.6	1.2	.4
1992	.1	–1.8	–1.9	.6	–.6	–.2	.3	–1.1	–2.4	.5	–.2	6.6
1993	.4	.7	–1.1	.8	–2.2	–.5	–.2	–1.5	–4.2	.4	1.7	–.8
1994	1.2	.5	2.7	1.2	–1.4	–1.0	1.2	–1.0	–2.4	1.8	.6	1.1
1995	3.7	2.8	–2.5	.6	–.4	.4	1.8	.7	–1.3	1.1	.2	.1
1996	2.8	.4	–1.2	.7	–1.3	–.7	1.2	–.9	–2.9	1.2	–	5.5
1997	2.5	–.2	–	–.2	1.3	–.7	.2	–.4	–3.3	3.0	–.2	2.2

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	MEDICAL INSTRUMENTS AND SUPPLIES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 878	5 830	5 868	5 932	5 934	6 106	6 255	6 325	6 401	6 440	6 501	6 622
1988	6 704	6 728	6 785	6 753	6 816	6 847	6 932	6 884	6 806	6 905	7 043	7 255
1989	7 007	7 009	7 013	7 134	7 160	7 804	7 910	7 900	8 798	9 038	8 997	8 822
1990	9 120	9 263	9 318	9 232	9 102	9 208	9 317	9 257	9 346	9 632	9 524	9 374
1991	9 450	9 328	9 286	9 081	9 118	8 843	9 019	9 046	9 117	9 441	9 251	8 773
1992	8 883	8 954	8 772	8 771	8 885	8 642	8 777	9 424	9 344	10 035	10 185	10 082
1993	10 457	10 230	10 085	9 976	10 180	9 916	10 034	9 893	9 655	9 948	9 838	9 485
1994	9 686	9 446	9 204	8 968	8 851	8 666	8 703	8 531	8 161	8 209	8 106	7 854
1995	7 880	7 839	7 394	7 322	7 104	7 095	7 043	6 992	6 941	7 419	7 416	7 351
1996	7 469	7 635	7 253	7 293	7 495	7 373	7 783	7 874	7 902	7 939	7 994	7 526
1997	8 121	8 169	7 654	8 001	8 119	7 717	7 838	8 071	7 917	8 278	8 436	8 424
	Seasonally Adjusted—Millions of Dollars											
1987	5 811	5 819	5 891	5 995	6 022	6 159	6 262	6 325	6 376	6 355	6 442	6 599
1988	6 638	6 716	6 810	6 833	6 933	6 933	6 943	6 896	6 782	6 768	6 944	7 242
1989	6 944	6 991	7 036	7 231	7 284	7 938	7 936	7 929	8 787	8 805	8 823	8 820
1990	9 028	9 224	9 356	9 370	9 247	9 408	9 365	9 307	9 365	9 344	9 306	9 388
1991	9 333	9 267	9 326	9 225	9 242	9 062	9 079	9 110	9 174	9 152	9 026	8 789
1992	8 745	8 855	8 781	8 854	8 897	8 820	8 827	9 526	9 507	9 831	9 988	10 117
1993	10 262	10 072	10 122	10 088	10 202	10 143	10 086	9 988	9 855	9 764	9 645	9 496
1994	9 479	9 260	9 270	9 070	8 871	8 884	8 750	8 594	8 348	8 077	7 954	7 851
1995	7 703	7 651	7 463	7 397	7 119	7 290	7 085	7 026	7 105	7 323	7 290	7 338
1996	7 300	7 427	7 331	7 349	7 500	7 592	7 847	7 902	8 087	7 849	7 868	7 511
1997	7 944	7 927	7 744	8 042	8 110	7 959	7 917	8 095	8 098	8 197	8 312	8 409
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.3	.1	1.2	1.8	.5	2.3	1.7	1.0	.8	–.3	1.4	2.4
1988	.6	1.2	1.4	.3	1.5	–	.1	–.7	–1.7	–.2	2.6	4.3
1989	–4.1	.7	.6	2.8	.7	9.0	–	–.1	10.8	.2	.2	–
1990	2.4	2.2	1.4	.1	–1.3	1.7	–.5	–.6	.6	–.2	–.4	.9
1991	–.6	–.7	.6	–1.1	.2	–1.9	.2	.3	.7	–.2	–1.4	–2.6
1992	–.5	1.3	–.8	.8	.5	–.9	.1	7.9	–.2	3.4	1.6	1.3
1993	1.4	–1.9	.5	–.3	1.1	–.6	–.6	–1.0	–1.3	–.9	–1.2	–1.5
1994	–.2	–2.3	.1	–2.2	–2.2	.1	–1.5	–1.8	–2.9	–3.2	–1.5	–1.3
1995	–1.9	–.7	–2.5	–.9	–3.8	2.4	–2.8	–.8	1.1	3.1	–.5	.7
1996	–.5	1.7	–1.3	.2	2.1	1.2	3.4	.7	2.3	–2.9	.2	–4.5
1997	5.8	–.2	–2.3	3.8	.8	–1.9	–.5	2.2	–	1.2	1.4	1.2
	ALL OTHER DURABLE GOODS INDUSTRIES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 207	6 480	7 297	7 356	7 561	7 482	7 697	7 633	7 465	7 556	7 152	6 463
1988	7 026	7 547	7 750	8 162	8 183	7 925	7 891	7 866	7 558	7 100	6 658	6 271
1989	7 199	7 463	8 154	8 607	8 614	8 323	8 549	8 263	8 068	7 781	7 269	6 750
1990	7 131	7 205	7 697	8 129	8 443	8 172	8 457	8 332	8 118	7 672	7 316	6 723
1991	6 834	6 884	7 064	7 642	7 750	7 294	7 824	7 623	7 501	7 140	6 759	6 646
1992	7 177	7 332	7 570	8 133	8 469	8 326	8 720	8 285	7 861	7 409	7 452	6 853
1993	7 387	7 573	7 703	8 167	8 227	8 139	8 375	8 273	8 076	7 785	7 431	6 988
1994	7 272	7 274	7 610	7 851	8 417	8 169	8 531	8 481	8 350	8 143	7 593	6 974
1995	7 445	7 533	7 733	8 152	8 620	8 073	8 526	8 421	7 900	7 659	7 286	6 530
1996	6 924	7 088	7 259	7 658	8 122	7 592	7 761	7 668	7 406	7 598	6 935	6 470
1997	6 532	6 713	6 897	7 414	7 979	7 731	8 339	8 463	8 456	8 717	8 622	8 093
	Seasonally Adjusted—Millions of Dollars											
1987	6 603	6 724	7 032	6 912	6 986	7 118	7 105	7 236	7 346	7 813	7 972	7 590
1988	7 452	7 884	7 505	7 638	7 553	7 549	7 290	7 467	7 410	7 270	7 249	7 324
1989	7 700	7 856	7 960	8 073	7 923	7 927	7 871	7 834	7 904	7 993	7 952	7 869
1990	7 642	7 602	7 650	7 727	7 814	7 842	7 815	7 899	7 923	7 821	8 016	7 782
1991	7 334	7 299	7 085	7 273	7 142	6 971	7 205	7 195	7 302	7 267	7 375	7 797
1992	7 736	7 779	7 697	7 802	7 807	7 951	8 028	7 798	7 611	7 494	7 948	7 711
1993	7 886	7 991	7 897	7 938	7 681	7 839	7 753	7 782	7 830	7 796	7 781	7 807
1994	7 755	7 666	7 825	7 667	7 837	7 901	7 928	7 983	8 127	8 089	7 923	7 764
1995	7 944	7 951	7 969	7 967	8 006	7 836	7 939	7 939	7 736	7 560	7 544	7 280
1996	7 403	7 477	7 514	7 500	7 516	7 401	7 286	7 308	7 286	7 455	7 037	7 081
1997	6 925	7 063	7 174	7 367	7 481	7 639	7 897	8 117	8 287	8 461	8 607	8 689
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.8	1.8	4.6	–1.7	1.1	1.9	–.2	1.8	1.5	6.4	2.0	–4.8
1988	–1.8	5.8	–4.8	1.8	–1.1	–.1	–3.4	2.4	–.8	–1.9	–.3	1.0
1989	5.1	2.0	1.3	1.4	–1.9	.1	–.7	–.5	.9	1.1	–.5	–1.0
1990	–2.9	–.5	.6	1.0	1.1	.4	–.3	1.1	.3	–1.3	2.5	–2.9
1991	–5.8	–.5	–2.9	2.7	–1.8	–2.4	3.4	–.1	1.5	–.5	1.5	5.7
1992	–.8	.6	–1.1	1.4	.1	1.8	1.0	–2.9	–2.4	–1.5	6.1	–3.0
1993	2.3	1.3	–1.2	.5	–3.2	2.1	–1.1	.4	.6	–.4	–.2	.3
1994	–.7	–1.1	2.1	–2.0	2.2	.8	.3	.7	1.8	–.5	–2.1	–2.0
1995	2.3	.1	.2	–	.5	–2.1	1.3	–	–2.6	–2.3	–.2	–3.5
1996	1.7	1.0	.5	–.2	.2	–1.5	–1.6	.3	–.3	2.3	–5.6	.6
1997	–2.2	2.0	1.6	2.7	1.5	2.1	3.4	2.8	2.1	2.1	1.7	1.0

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONDURABLE GOODS INDUSTRIES, TOTAL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	16 945	16 108	19 056	19 795	19 660	19 953	21 116	21 243	21 331	21 369	20 826	20 741
1988	21 061	21 568	21 809	21 630	21 482	21 463	22 107	22 044	21 917	21 402	21 177	21 134
1989	21 465	21 565	22 201	22 040	21 962	22 387	22 455	22 548	22 413	21 618	21 022	20 856
1990	21 125	21 490	22 266	22 293	22 235	22 519	22 325	23 076	22 963	21 981	21 192	21 026
1991	21 082	21 316	21 954	21 836	22 717	22 521	23 107	23 614	23 760	22 934	22 383	22 335
1992	22 401	22 599	23 463	23 544	23 247	23 064	23 521	23 542	23 171	22 650	22 413	22 328
1993	22 846	23 359	23 657	23 901	23 802	23 786	23 550	23 329	22 601	21 128	20 561	20 745
1994	21 378	22 046	23 567	24 199	24 604	24 948	25 047	25 252	24 807	24 464	24 232	24 591
1995	25 440	26 130	26 876	27 620	27 911	27 604	26 221	27 153	25 421	24 084	23 936	23 165
1996	23 907	23 906	23 664	24 427	24 678	24 969	25 511	25 173	24 655	24 014	24 621	24 627
1997	24 736	24 537	25 600	26 043	26 144	28 507	27 575	26 640	26 290	25 601	25 452	25 224
	Seasonally Adjusted—Millions of Dollars											
1987	17 266	18 162	16 730	19 389	19 373	19 840	20 526	20 663	21 066	21 606	21 625	21 738
1988	21 595	21 726	21 459	21 212	21 214	21 309	21 535	21 574	21 566	21 619	21 900	22 004
1989	21 973	21 791	21 858	21 635	21 702	22 217	21 929	22 026	22 051	21 666	21 766	21 751
1990	21 694	21 787	21 972	21 919	21 906	22 246	21 768	22 401	22 496	22 274	22 040	22 007
1991	21 719	21 628	21 658	21 467	22 288	22 167	22 496	22 856	23 332	23 335	23 370	23 397
1992	23 087	22 965	23 103	23 124	22 777	22 653	22 894	22 787	22 620	23 379	23 465	23 512
1993	23 602	23 751	23 337	23 434	23 223	23 152	22 754	22 548	22 314	21 663	21 467	21 793
1994	22 026	22 396	23 241	23 681	24 157	24 256	24 190	24 498	24 592	25 082	25 114	25 701
1995	26 195	26 669	26 672	27 084	27 113	26 912	27 180	26 411	25 309	24 745	24 601	24 215
1996	24 591	24 378	23 739	24 014	24 084	24 226	24 365	24 390	24 537	24 677	25 497	25 621
1997	25 391	24 975	25 558	25 720	25 599	25 803	28 295	26 056	28 136	26 206	26 282	26 204
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.7	5.2	3.1	3.5	–.1	2.4	3.5	1.6	1.0	2.6	.1	.5
1988	–.7	.8	–1.2	–1.2	–	.4	1.1	.2	–	.2	1.3	.5
1989	–.1	–.8	.3	–1.0	.3	2.4	–1.3	.4	.1	–.8	–.5	–.1
1990	–.3	.4	.8	–.2	–.1	1.8	–2.1	2.9	.4	–1.0	–1.1	–.1
1991	–1.3	–.4	.1	–.9	3.8	–.5	1.5	1.6	2.1	–	.1	.1
1992	–1.3	–.5	.6	.1	–1.5	–.5	1.1	–.5	.1	2.4	.4	.2
1993	.4	.6	–1.7	.4	–.9	–.3	–1.7	–.9	–1.0	–2.9	–.9	1.5
1994	1.1	1.7	3.8	1.9	2.0	.4	–.3	1.3	.4	2.0	.1	2.3
1995	1.9	1.8	–	1.5	.1	–.7	1.0	–2.6	–4.2	–2.2	.2	–2.4
1996	1.6	–.9	–2.6	1.2	.3	.6	.6	.1	.6	.6	3.3	.5
1997	–.9	–1.6	2.3	.8	–.5	.8	1.9	–.9	.3	.3	.3	–.3
	AUTOMOTIVE EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 223	2 264	2 269	2 274	2 290	2 353	2 377	2 381	2 380	2 345	2 343	2 393
1988	2 372	2 384	2 385	2 383	2 298	2 245	2 285	2 239	2 203	2 207	2 195	2 213
1989	2 207	2 222	2 218	2 145	2 016	1 999	1 988	1 920	1 875	1 838	1 651	1 873
1990	1 880	1 881	1 824	1 852	1 850	1 742	1 741	1 718	1 674	1 631	1 559	1 514
1991	1 563	1 566	1 585	1 599	1 587	1 532	1 567	1 595	1 794	1 762	1 729	1 661
1992	1 709	1 739	1 707	1 764	1 744	1 664	1 699	1 874	1 645	1 613	1 623	1 576
1993	1 642	1 877	1 636	1 623	1 681	1 639	1 734	1 739	1 698	1 772	1 812	1 874
1994	1 941	1 977	1 991	2 012	1 999	2 013	2 082	2 129	2 066	2 101	2 115	2 171
1995	2 252	2 297	2 312	2 336	2 267	2 282	2 344	2 407	2 377	2 350	2 273	2 265
1996	2 407	2 418	2 368	2 349	2 291	2 243	2 354	2 415	2 375	2 309	2 319	2 322
1997	2 504	2 547	2 576	2 571	2 503	2 472	2 549	2 627	2 550	2 554	2 456	2 487
	Seasonally Adjusted—Millions of Dollars											
1967	2 204	2 216	2 212	2 231	2 312	2 395	2 373	2 396	2 420	2 387	2 363	2 397
1988	2 351	2 326	2 331	2 335	2 310	2 263	2 279	2 252	2 234	2 243	2 226	2 220
1989	2 169	2 176	2 179	2 100	2 017	2 036	1 960	1 926	1 697	1 862	1 876	1 867
1990	1 670	1 831	1 602	1 617	1 843	1 778	1 732	1 715	1 692	1 644	1 574	1 531
1991	1 556	1 563	1 573	1 573	1 577	1 565	1 556	1 566	1 615	1 795	1 744	1 705
1992	1 706	1 712	1 666	1 731	1 738	1 708	1 664	1 654	1 664	1 631	1 654	1 609
1993	1 632	1 647	1 819	1 596	1 679	1 665	1 720	1 714	1 717	1 797	1 649	1 916
1994	1 920	1 933	1 962	1 976	2 006	2 052	2 066	2 093	2 106	2 137	2 167	2 216
1995	2 217	2 236	2 269	2 302	2 304	2 333	2 329	2 381	2 397	2 386	2 334	2 314
1996	2 363	2 358	2 326	2 317	2 313	2 296	2 342	2 364	2 389	2 342	2 384	2 377
1997	2 457	2 486	2 536	2 540	2 525	2 530	2 537	2 566	2 560	2 561	2 525	2 552
	Seasonally Adjusted—Percent Change From Previous Period											
1967	2.1	.6	–.3	.9	3.6	3.6	–.9	1.0	1.0	–1.4	–.2	.6
1988	–1.9	–1.1	.2	.2	–1.1	–1.2	–.2	–1.2	–.6	.4	–.7	–.4
1989	–1.4	–.5	–	–3.6	–4.0	.9	–2.8	–2.7	–1.5	–1.6	.6	.6
1990	–.9	–2.1	–1.6	.6	1.4	–3.5	–2.6	–1.0	–1.3	–2.6	–4.3	–2.7
1991	1.6	.3	.6	–	.3	–.6	–.4	1.6	14.4	–1.1	–2.6	–2.2
1992	.1	.4	–1.5	2.7	.4	–1.7	–1.4	–1.6	.6	–2.0	1.4	–2.7
1993	1.4	.9	–1.7	–1.4	5.2	–.6	3.3	–.3	.2	4.7	2.9	3.6
1994	.2	.7	1.5	.6	1.4	2.3	.7	1.3	.7	1.4	1.4	2.4
1995	–	.9	1.4	1.5	.1	1.3	–.2	1.4	1.5	–.4	–2.3	–.9
1996	2.1	–.2	–1.3	–.5	–.2	–.7	2.0	.9	1.1	–2.0	1.6	–.3
1997	3.4	1.2	2.1	.1	–.6	.2	.3	1.2	–.3	.6	–2.2	1.1

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HOME GOODS AND APPAREL—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 802	7 527	8 367	8 508	8 700	8 256	8 856	8 826	8 604	8 350	7 828	7 148
1988	8 178	9 039	9 087	9 194	8 990	8 805	8 870	8 718	8 363	7 625	7 009	8 607
1989	7 950	8 287	8 945	9 211	9 211	8 921	9 232	8 966	8 739	8 315	7 677	7 367
1990	8 252	8 638	8 864	9 002	9 137	9 369	9 650	9 891	9 885	8 742	8 133	7 563
1991	7 979	8 285	8 712	9 076	9 265	9 316	9 753	10 020	10 014	9 180	8 280	8 129
1992	8 740	9 124	9 157	9 562	9 484	9 575	9 893	9 822	9 509	9 325	8 644	8 255
1993	9 332	9 999	10 269	10 484	10 444	10 539	10 755	10 582	9 955	8 913	8 037	7 656
1994	8 651	9 087	9 509	9 772	10 207	10 117	10 378	10 211	9 647	8 877	7 890	7 177
1995	8 475	8 841	9 183	9 656	10 461	10 353	10 458	10 192	9 347	8 554	7 983	7 581
1996	8 554	8 921	9 349	9 738	9 795	9 535	9 473	9 278	8 950	8 783	7 714	7 149
1997	7 540	7 719	7 756	7 955	8 388	8 544	9 337	9 003	9 092	8 925	8 966	8 559
	Seasonally Adjusted—Millions of Dollars											
1987	7 169	7 616	7 948	8 051	8 058	7 875	8 109	8 214	8 346	8 774	9 056	8 735
1988	8 616	9 156	8 641	8 819	8 341	8 391	8 128	8 151	8 109	7 965	7 968	7 999
1989	8 408	8 387	8 533	8 659	8 577	8 480	8 455	8 389	8 460	8 706	8 815	8 893
1990	8 769	8 745	8 582	8 539	8 577	8 936	8 883	9 207	9 481	9 082	9 379	9 067
1991	8 584	8 471	8 533	8 638	8 685	8 816	8 960	9 253	9 563	9 493	9 513	9 810
1992	9 480	9 403	9 063	9 123	8 861	9 035	9 068	9 023	9 086	9 627	9 799	9 763
1993	10 044	10 239	10 189	10 046	9 812	9 932	9 879	9 726	9 555	9 170	8 952	9 043
1994	9 181	9 233	9 436	9 362	9 619	9 611	9 589	9 447	9 344	9 094	8 897	8 430
1995	8 876	9 000	9 137	9 261	9 834	9 804	9 666	9 496	9 125	8 733	8 719	8 843
1996	8 969	9 071	9 352	9 415	9 254	9 085	8 775	8 760	8 780	8 928	8 309	8 158
1997	7 837	7 805	7 774	7 817	8 071	8 240	8 744	8 609	8 915	9 000	9 492	9 542
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.6	6.2	4.4	1.3	.1	–2.3	3.0	1.3	1.6	5.1	3.2	–3.5
1988	–1.4	6.3	–5.6	–.3	–3.2	.6	–3.2	.3	–.5	–1.8	–	.4
1989	5.1	–.2	1.7	1.5	–.9	–1.1	–.3	–.8	.8	2.9	1.3	.9
1990	–1.4	–.3	–1.9	–.5	.4	4.2	–.6	3.6	3.0	–4.2	3.3	–3.3
1991	–5.3	–1.3	.7	1.2	.5	1.5	1.6	3.3	3.4	–.7	.2	3.1
1992	–3.4	–.8	–3.6	.7	–2.9	2.0	.4	–.5	.7	6.0	1.8	–.4
1993	2.9	1.9	–.5	–1.4	–2.3	1.2	–.5	–1.5	–1.8	–4.0	–2.4	1.0
1994	1.5	.6	2.2	–.8	2.7	–.1	–.2	–1.5	–1.1	–2.7	–4.4	–3.1
1995	5.3	1.4	1.5	1.4	6.2	–.3	–1.4	–1.8	–3.9	–4.3	–.2	1.4
1996	1.4	1.1	3.1	.7	–1.7	–1.8	–3.4	–.2	.2	1.7	–6.9	–1.8
1997	–3.9	–.4	–.4	.6	3.2	2.1	6.1	–1.5	3.6	1.0	5.5	.5
	CONSUMER STAPLES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 236	1 223	1 231	1 249	1 184	1 150	1 185	1 212	1 184	1 155	1 143	1 167
1988	1 143	1 274	1 307	1 331	1 280	1 265	1 319	1 297	1 298	1 329	1 340	1 466
1989	1 432	1 330	1 344	1 304	1 372	1 455	1 418	1 467	1 448	1 400	1 430	1 483
1990	1 423	1 379	1 384	1 353	1 250	1 304	1 310	1 358	1 359	1 308	1 305	1 321
1991	1 316	1 294	1 315	1 261	1 198	1 323	1 389	1 416	1 415	1 434	1 387	1 370
1992	1 395	1 352	1 318	1 331	1 245	1 308	1 405	1 428	1 434	1 448	1 430	1 479
1993	1 453	1 459	1 438	1 424	1 417	1 470	1 493	1 499	1 536	1 477	1 456	1 537
1994	1 484	1 449	1 481	1 475	1 471	1 525	1 570	1 677	1 632	1 616	1 653	1 681
1995	1 690	1 685	1 670	1 694	1 735	1 866	2 069	2 125	1 918	1 912	1 928	1 877
1996	1 914	1 836	1 735	1 784	1 860	1 955	2 367	2 353	2 128	1 933	2 050	2 084
1997	2 130	1 803	1 931	2 030	2 056	2 283	2 656	2 582	2 377	2 217	2 044	2 050
	Seasonally Adjusted—Millions of Dollars											
1987	1 198	1 188	1 214	1 229	1 196	1 179	1 194	1 219	1 181	1 173	1 174	1 148
1988	1 111	1 252	1 294	1 314	1 316	1 298	1 329	1 289	1 287	1 343	1 360	1 431
1989	1 397	1 318	1 341	1 297	1 443	1 496	1 424	1 445	1 425	1 403	1 437	1 438
1990	1 388	1 379	1 396	1 383	1 323	1 332	1 308	1 329	1 327	1 299	1 302	1 276
1991	1 286	1 302	1 338	1 287	1 283	1 354	1 377	1 369	1 371	1 412	1 381	1 324
1992	1 367	1 370	1 356	1 380	1 344	1 339	1 375	1 364	1 381	1 424	1 419	1 437
1993	1 437	1 489	1 500	1 488	1 514	1 498	1 438	1 418	1 479	1 456	1 449	1 507
1994	1 478	1 491	1 536	1 549	1 554	1 531	1 491	1 559	1 573	1 601	1 655	1 664
1995	1 697	1 751	1 769	1 783	1 810	1 854	1 939	1 972	1 855	1 910	1 946	1 878
1996	1 937	1 929	1 857	1 896	1 960	1 933	2 115	2 095	2 028	1 923	2 076	2 113
1997	2 186	1 900	2 080	2 167	2 166	2 245	2 338	2 280	2 234	2 187	2 084	2 100
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.3	–.8	2.2	1.2	–2.7	–1.4	1.3	2.1	–3.1	–.7	.1	–2.2
1988	–3.2	12.7	3.4	1.5	.2	–1.4	2.4	–3.0	–.2	4.4	1.3	5.2
1989	–2.4	–5.7	1.7	–3.3	11.3	3.7	–4.8	1.5	–1.4	–1.5	2.4	.1
1990	–3.5	–.6	1.2	–2.4	–2.9	.7	–1.8	1.6	–.2	–2.1	.2	–2.0
1991	.8	1.2	2.8	–3.8	–.3	5.5	1.7	–.6	.1	3.0	–2.2	–4.1
1992	3.2	.2	–1.0	1.8	–2.6	–.4	2.7	–.8	1.2	3.1	–.4	1.3
1993	–	3.8	.7	–.8	1.7	–1.1	–4.0	–1.4	4.3	–1.6	–.5	4.0
1994	–1.9	.9	3.0	.8	.3	–1.5	–2.6	4.6	.9	1.8	3.4	.5
1995	2.0	3.2	1.0	.8	1.5	2.4	4.6	1.7	–5.9	3.0	1.9	–3.5
1996	3.1	–.4	–3.7	2.1	3.4	–1.4	9.4	–.9	–3.2	–5.2	8.0	1.8
1997	3.5	–13.1	9.5	4.2	–	3.6	4.1	–2.4	–2.0	–2.1	–4.7	.8

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	MACHINERY AND EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1967	109 749	110 631	110 173	110 623	114 101	116 261	119 149	120 190	119 843	120 548	122 051	124 567
1988	126 916	132 661	134 443	138 689	136 475	136 349	142 173	146 926	148 616	149 766	153 305	159 838
1989	166 057	170 521	173 322	176 262	160 541	165 261	190 505	190 770	191 176	191 761	194 726	202 161
1990	206 596	206 343	211 297	212 539	213 630	213 629	216 262	217 651	219 598	225 340	224 963	230 788
1991	233 756	235 267	235 690	233 562	230 123	225 616	229 354	228 083	226 448	225 083	226 751	224 048
1992	224 961	224 537	224 880	224 684	225 992	224 562	223 031	220 626	219 759	219 309	215 060	214 688
1993	212 291	213 336	209 522	206 432	206 477	206 147	204 499	202 462	199 557	196 645	196 106	195 750
1994	196 679	196 784	197 696	196 949	195 415	195 948	195 575	194 909	193 674	194 416	195 699	194 339
1995	196 222	197 324	197 608	196 453	197 342	195 703	194 148	193 167	196 043	196 394	200 797	205 499
1996	212 807	215 960	219 463	216 671	221 040	220 508	223 517	221 635	223 685	227 388	226 672	225 129
1997	229 232	232 588	231 276	230 491	229 759	229 055	229 096	230 031	229 547	234 144	245 761	242 743
	Seasonally Adjusted—Millions of Dollars											
1967	109 882	110 383	110 080	110 569	113 746	116 171	116 951	120 000	119 967	120 927	122 305	125 209
1988	126 929	132 575	134 317	138 370	138 126	138 379	142 074	146 629	149 040	150 130	153 552	160 441
1989	165 902	170 127	173 154	177 910	180 152	185 365	190 347	190 673	191 368	191 923	194 836	202 960
1990	206 496	206 062	211 274	212 397	213 169	213 958	216 143	217 572	219 613	225 344	224 968	231 612
1991	233 653	234 996	235 888	233 469	229 656	225 750	229 315	226 123	226 616	225 066	226 724	224 767
1992	224 770	224 088	224 740	224 471	225 505	224 692	223 042	220 963	220 290	219 345	214 995	215 353
1993	212 006	212 794	209 379	206 220	206 026	206 342	204 535	202 667	200 242	196 729	196 034	196 380
1994	196 305	196 055	197 480	196 623	194 924	196 196	195 672	195 152	194 784	194 566	195 761	195 076
1995	195 696	196 539	197 476	196 025	196 743	195 956	194 176	193 391	197 096	196 590	200 668	206 290
1996	212 421	215 055	219 294	216 356	220 435	220 617	223 573	221 881	224 764	227 544	226 716	225 985
1997	226 930	231 692	231 204	229 988	229 125	229 405	229 066	230 203	230 523	234 298	245 713	243 676
	Seasonally Adjusted—Percent Change From Previous Period											
1967	1.0	.5	–.3	.5	2.9	2.1	2.4	.9	–	.6	1.1	2.4
1988	3.0	2.6	1.3	1.5	–.2	1.7	2.7	3.3	1.5	.7	2.3	4.5
1989	3.4	2.5	1.6	2.7	1.3	2.9	2.7	.2	.4	.3	1.5	4.2
1990	1.7	–.2	2.5	.5	.4	.4	2.0	–.3	1.0	2.5	–.2	3.0
1991	.9	.6	.4	–1.0	–1.6	–1.7	1.6	–.5	–.6	–.6	.7	–.9
1992	–	–.3	.3	–.1	.5	–.4	–.7	–.9	–.3	–.4	–2.0	.2
1993	–1.6	.4	–1.6	–.6	–1.1	.2	–.9	–.9	–1.2	–.6	–.3	–.6
1994	1.0	–.1	–.3	–.4	–.9	.7	–.3	–.3	–.2	–.1	.6	–.3
1995	.4	.3	.5	–.7	.4	–.4	–.9	–.4	1.9	.6	1.0	2.6
1996	3.0	1.2	2.0	–.4	1.0	.2	1.2	–.6	1.3	1.2	–.4	–.3
1997	1.3	1.2	–.2	–.5	–.4	.1	–.1	.5	.1	1.6	4.9	–.6
	BUSINESS SUPPLIES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1967	5 160	5 342	5 404	5 370	5 270	5 373	5 716	5 676	5 694	5 843	5 847	5 659
1988	5 936	6 055	6 046	6 069	6 134	6 115	6 357	6 496	6 565	6 456	6 446	6 400
1989	6 361	6 252	6 333	6 329	6 276	6 274	6 303	6 265	6 204	6 109	6 138	5 971
1990	6 044	6 010	6 165	6 220	6 256	6 162	6 279	6 540	6 438	6 254	6 184	6 003
1991	6 172	6 167	6 035	5 983	6 146	6 024	6 141	6 159	6 212	5 947	5 930	5 950
1992	5 939	5 869	6 057	5 965	6 072	6 123	6 221	6 234	6 149	5 915	5 769	6 003
1993	6 067	6 177	6 067	5 994	5 971	5 901	5 767	5 911	5 676	5 777	5 846	5 736
1994	5 664	5 771	6 025	6 003	6 174	6 037	6 055	6 083	5 947	6 022	5 999	6 096
1995	6 255	6 381	6 504	6 665	6 775	6 620	6 713	6 673	6 538	6 351	6 444	6 323
1996	6 431	6 271	6 190	6 445	6 846	6 590	6 762	6 769	6 605	6 375	6 437	6 489
1997	6 519	6 294	6 533	6 747	7 072	7 016	7 231	7 157	6 626	6 745	6 650	6 432
	Seasonally Adjusted—Millions of Dollars											
1967	5 149	5 275	5 361	5 374	5 309	5 444	5 653	5 775	5 620	5 864	5 916	5 962
1988	5 943	6 009	6 013	6 096	6 188	6 206	6 301	6 363	6 469	6 460	6 500	6 509
1989	6 396	6 253	6 313	6 333	6 301	6 346	6 246	6 121	6 084	6 122	6 202	6 062
1990	6 092	6 049	6 177	6 226	6 234	6 223	6 227	6 377	6 302	6 292	6 260	6 126
1991	6 242	6 243	6 021	5 969	6 082	6 040	6 061	6 006	6 062	5 996	6 054	6 057
1992	6 006	5 903	6 033	5 973	5 963	6 095	6 144	6 077	6 023	5 999	5 940	6 134
1993	6 146	6 225	6 067	5 996	5 880	5 671	5 720	5 775	5 761	5 674	5 805	5 651
1994	5 752	5 835	6 020	5 984	6 014	5 972	5 973	5 938	5 677	6 126	6 163	6 237
1995	6 357	6 471	6 536	6 627	6 563	6 525	6 567	6 703	6 495	6 457	6 616	6 512
1996	6 545	6 380	6 260	6 420	6 432	6 466	6 564	6 534	6 560	6 474	6 614	6 709
1997	6 655	6 406	6 634	6 735	6 840	6 679	6 952	6 888	6 761	6 621	6 620	6 626
	Seasonally Adjusted—Percent Change From Previous Period											
1967	.6	2.4	1.6	.2	–1.2	2.5	3.6	2.2	.6	.6	.9	.6
1988	–.3	1.1	.1	1.4	1.5	.3	1.5	1.0	1.7	–.1	.6	.1
1969	–1.7	–2.2	1.0	.3	–.5	.7	–1.5	–2.0	–.6	.6	1.3	–2.3
1990	.5	–.7	2.1	.6	.1	–.2	.1	2.4	–1.2	–.2	–.5	–2.1
1991	1.9	–	–3.6	–.5	1.6	–.7	.7	–1.2	1.2	–1.4	.9	–
1992	–.6	–1.7	2.2	–1.0	–.2	2.2	.6	–1.1	–.9	–.4	–1.0	3.3
1993	.2	1.3	–2.5	–1.2	–1.9	–.2	–2.6	1.0	.1	1.6	–1.2	.6
1994	–1.7	1.4	3.2	–.6	.5	–.7	–	–.6	–1.0	4.2	.6	1.2
1995	1.9	1.6	1.0	1.4	–.7	–.9	1.0	1.6	–3.1	–.6	2.5	–1.6
1996	.5	–2.5	–1.9	2.6	.2	.5	1.5	–.5	.4	–1.3	2.2	1.4
1997	–.6	–3.7	3.5	1.5	1.6	.6	1.1	–.9	–1.6	.9	–	–2.6

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	CONSTRUCTION MATERIALS AND SUPPLIES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	13 369	13 595	13 831	13 614	13 671	13 590	13 710	13 858	13 752	13 613	13 676	13 924
1988	14 271	14 580	14 967	14 777	14 836	14 801	14 696	14 703	14 487	14 375	14 352	14 376
1989	14 816	14 833	14 798	14 816	14 845	14 624	14 334	13 983	13 810	13 663	13 516	13 839
1990	14 059	13 975	14 022	14 139	14 144	14 099	14 217	14 158	14 327	14 082	13 777	13 853
1991	13 931	13 896	14 071	14 196	14 318	14 345	15 043	14 997	14 960	14 728	14 386	14 599
1992	14 781	14 674	14 729	14 889	14 796	15 127	14 768	14 855	14 878	14 492	14 388	14 484
1993	14 768	15 204	15 115	15 083	15 169	14 724	14 817	14 811	14 415	14 002	13 842	13 720
1994	13 815	14 069	14 595	14 778	14 952	15 121	15 365	15 328	15 195	15 294	15 267	15 470
1995	15 989	16 259	16 184	16 090	16 200	15 849	16 106	16 295	15 943	15 661	15 489	15 463
1996	15 677	16 108	16 119	18 106	16 111	16 059	16 241	16 266	18 375	16 072	15 828	18 407
1997	16 774	18 914	16 920	17 272	17 240	17 378	17 706	17 658	17 596	17 817	17 480	17 626
	Seasonally Adjusted—Millions of Dollars											
1987	13 485	13 467	13 387	13 376	13 447	13 475	13 635	13 826	13 842	13 923	14 039	14 140
1988	14 335	14 457	14 731	14 544	14 619	14 886	14 607	14 872	14 555	14 672	14 722	14 557
1989	14 661	14 754	14 612	14 609	14 659	14 513	14 229	13 940	13 834	13 891	13 836	13 992
1990	14 106	13 961	13 896	13 971	13 988	14 000	14 092	14 060	14 312	14 287	14 105	14 021
1991	13 997	13 919	13 989	14 047	14 174	14 240	14 874	14 852	14 899	14 905	14 729	14 828
1992	14 904	14 680	14 649	14 724	14 620	15 094	14 583	14 485	14 818	14 662	14 713	14 706
1993	14 882	15 175	15 015	14 931	14 978	14 693	14 632	14 631	14 375	14 193	14 185	13 980
1994	13 933	14 002	14 479	14 628	14 755	15 078	15 193	15 174	15 193	15 530	15 625	15 754
1995	16 084	16 145	16 039	15 925	16 006	15 784	15 951	18 173	15 949	15 906	15 842	15 730
1996	15 733	15 985	15 974	15 946	15 945	15 977	16 103	16 195	16 395	16 303	16 155	16 649
1997	16 806	18 811	16 785	17 119	17 105	17 263	17 551	17 606	17 601	17 839	17 820	17 855
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−1.4	−.1	−.6	−.1	.5	.2	1.2	1.4	.1	.6	.8	.7
1988	1.4	.9	1.9	−1.3	.5	.5	−.5	.4	−.8	.8	.3	−1.1
1989	.7	.6	−1.0	–	.3	−1.0	−2.0	−2.0	−.8	.4	−.4	1.1
1990	.8	−1.0	−.5	.5	.1	.1	.7	−.1	1.8	−.2	−1.3	−.6
1991	−.2	−.6	.5	.4	.9	.5	4.5	−.1	.3	–	−1.2	.7
1992	.5	−1.5	−.2	.5	−.7	3.2	−3.4	−.7	.9	.3	.3	–
1993	1.2	2.0	−1.1	−.6	.3	−1.9	−.4	–	−1.7	−1.3	−.2	−1.3
1994	−.3	.5	3.4	1.0	.9	2.2	.8	−.1	.1	2.2	.6	.8
1995	2.1	.4	−.7	−.7	.5	−1.4	1.1	1.4	−1.4	−.3	−.4	−.7
1996	–	1.6	−.1	−.2	–	.2	.8	.6	1.2	−.6	−.9	3.1
1997	1.0	–	−.2	2.0	−.1	.9	1.7	.3	–	1.4	−.1	.2
	DEFENSE PRODUCTS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	151 479	150 450	151 690	153 086	152 326	151 724	151 569	150 707	151 509	152 052	153 807	154 980
1988	155 503	155 987	155 730	153 540	153 210	152 032	150 072	146 992	147 044	148 673	148 919	153 123
1989	152 442	151 543	153 165	151 733	148 178	145 682	144 111	140 873	142 624	142 437	146 088	147 146
1990	147 062	147 682	148 672	147 517	147 012	146 038	144 056	142 396	143 234	142 538	141 715	142 225
1991	141 530	141 295	139 806	137 471	137 668	138 292	138 238	136 112	133 718	133 886	131 270	132 595
1992	132 476	129 880	128 859	127 520	124 939	123 687	121 187	118 856	116 758	117 281	117 335	118 199
1993	119 519	117 578	117 697	118 753	113 958	111 503	110 814	109 919	108 664	107 412	105 993	105 691
1994	106 812	105 641	104 278	102 641	101 932	101 471	100 579	98 175	98 170	98 273	96 401	101 183
1995	101 188	101 013	103 094	101 745	100 152	98 754	97 492	97 234	98 082	97 849	96 976	99 752
1996	101 442	100 272	105 095	104 480	103 374	104 848	102 699	100 617	99 233	98 497	100 701	105 003
1997	105 093	104 146	105 067	104 604	102 674	101 962	100 332	98 669	97 443	95 804	94 975	97 544
	Seasonally Adjusted—Millions of Dollars											
1987	149 368	148 108	148 617	150 699	151 718	152 614	153 458	154 061	153 761	154 258	154 493	153 547
1988	153 560	153 588	152 998	151 650	152 809	152 911	151 753	150 151	149 091	150 698	149 195	151 675
1989	150 801	149 486	150 878	150 244	147 970	148 332	145 515	143 709	144 492	144 063	146 120	145 738
1990	145 537	145 939	146 591	146 328	146 951	146 573	145 220	144 813	145 063	143 855	141 931	141 122
1991	140 198	139 977	137 986	136 427	137 598	136 609	137 072	138 001	135 424	134 989	131 811	131 773
1992	131 064	128 883	127 114	126 468	124 781	123 918	121 865	120 305	118 363	118 471	118 214	117 471
1993	118 148	116 800	118 063	115 594	113 723	111 534	111 377	111 216	110 231	108 551	107 127	105 146
1994	105 619	105 009	102 668	101 357	101 567	101 317	101 087	99 408	99 759	99 614	97 794	100 583
1995	100 029	100 400	101 425	100 369	99 667	98 399	97 948	98 518	99 771	99 441	98 550	99 049
1996	100 249	99 553	103 226	102 921	102 767	104 406	103 214	102 039	101 016	100 354	102 523	104 265
1997	103 886	103 236	103 183	103 009	102 066	101 477	100 835	100 117	99 301	97 751	96 687	96 910
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−.8	−.8	.3	1.4	.7	.8	.6	.4	−.2	.3	.2	−.6
1988	–	–	−.4	−.9	.8	.1	−.8	−1.1	−.7	1.1	−1.0	1.7
1989	−.6	−.9	.9	−.4	−1.5	−1.1	−.6	−1.2	.5	−.3	1.4	−.3
1990	−.1	.3	.4	−.2	.4	−.3	−.9	−.3	.2	−.8	−1.3	−.6
1991	−.7	−.2	−1.4	−1.1	.9	−.7	.3	.7	−1.9	−.3	−2.4	–
1992	−.5	−1.7	−1.4	−.5	−1.3	−.7	−1.7	−1.3	−1.6	.1	−.2	−.6
1993	.6	−1.1	−.6	−.4	−1.6	−1.9	−.1	−.1	−.9	−1.5	−1.3	−1.8
1994	.4	−.8	−2.2	−1.3	.2	−.2	−.2	−1.7	.4	−.1	−1.8	2.9
1995	−.6	.4	1.0	−1.0	−.7	−1.3	−.5	.6	1.3	−.3	−.9	.5
1996	1.2	−.7	3.7	−.3	−.1	1.6	−1.1	−1.1	−1.0	−.7	2.2	1.7
1997	−.6	−.4	−.1	−.2	−.9	−.6	−.6	−.7	−.8	−1.6	−1.1	.2

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	OTHER MATERIALS, SUPPLIES, AND INTERMEDIATE PRODUCTS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	103 673	105 156	107 843	109 750	109 815	111 167	113 846	114 495	114 885	115 738	115 469	117 127
1988	120 427	122 554	124 182	125 244	125 617	125 469	126 927	127 236	126 908	126 862	126 022	126 970
1989	129 215	130 847	132 127	132 044	130 240	129 332	130 059	128 301	126 947	125 246	125 117	125 639
1990	127 543	128 513	129 984	131 622	132 148	130 150	130 489	129 783	128 671	127 361	125 496	124 070
1991	125 127	126 259	126 668	127 171	127 773	126 188	129 815	130 407	129 167	127 221	127 148	126 465
1992	127 891	128 562	128 600	129 474	128 157	126 593	126 802	126 012	124 151	123 314	122 588	123 972
1993	127 812	129 510	128 602	129 310	127 954	125 143	126 329	124 994	122 244	122 148	121 057	121 448
1994	125 002	126 360	128 954	131 605	132 363	130 317	131 060	131 136	130 339	131 481	132 550	134 071
1995	139 152	141 981	141 862	143 503	142 598	139 644	143 099	142 061	137 841	139 130	137 911	136 373
1996	140 770	140 786	138 197	139 067	138 325	136 983	141 579	141 994	140 377	146 011	146 492	144 369
1997	150 364	153 790	152 490	152 858	153 436	151 615	151 628	155 881	153 934	156 150	154 977	154 117
	Seasonally Adjusted—Millions of Dollars											
1987	104 027	104 210	105 676	107 513	108 593	110 932	113 092	114 559	118 031	117 717	118 207	119 288
1988	120 798	121 527	121 870	122 766	124 073	125 013	125 967	127 216	128 025	128 931	128 796	129 322
1989	129 571	129 868	130 073	129 685	128 576	128 899	129 065	128 147	127 912	127 052	127 479	127 879
1990	127 809	127 711	128 426	129 545	130 518	129 858	129 558	129 482	129 634	129 118	127 844	126 374
1991	125 222	125 444	125 366	125 240	128 201	125 997	128 924	130 004	130 231	128 881	129 513	128 935
1992	127 918	127 592	127 208	127 302	126 481	126 556	125 947	125 693	125 479	124 748	124 945	126 420
1993	127 520	128 212	127 193	127 045	126 316	125 335	125 513	124 705	123 814	123 430	123 362	123 987
1994	124 451	124 799	127 475	129 310	130 903	130 953	130 299	130 901	132 250	132 703	134 848	136 735
1995	138 248	140 104	140 424	141 173	141 243	140 749	142 170	141 747	140 215	139 648	139 764	139 058
1996	139 385	138 667	137 111	137 158	137 438	138 423	140 849	141 743	142 816	146 161	147 871	146 806
1997	148 674	151 440	151 609	151 242	152 672	153 411	150 875	155 480	156 525	156 198	156 440	156 870
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.6	.2	1.4	1.7	1.0	2.2	1.9	1.3	1.3	1.5	.4	.9
1988	1.3	.6	.3	.7	1.1	.8	.8	1.0	.6	.7	–.1	.4
1989	.2	.2	.2	–.3	–.9	.3	.1	–.7	–.2	–.7	.3	.3
1990	–.1	–.1	.6	.9	.8	–.5	–.2	–.1	.1	–.4	–1.0	–1.1
1991	–.9	.2	–.1	–.1	.8	–.2	2.3	.8	.2	–1.0	.5	–.4
1992	–.8	–.3	–.3	.1	–.6	.1	–.5	–.2	–.2	–.6	.2	1.2
1993	.9	.5	–.8	–.1	–.6	–.8	.1	–.6	–.7	–.3	–.1	.5
1994	.4	.3	2.1	1.4	1.2	–	–.5	.5	1.0	.3	1.6	1.4
1995	1.1	1.3	.2	.5	–	–.3	1.0	–.3	–1.1	–.4	.1	–.5
1996	.2	–.5	–1.1	–	.2	.7	1.8	.6	.8	2.3	1.2	–.7
1997	1.3	1.9	.1	–.2	.9	.5	–1.7	3.1	.7	–.2	.2	.3
	NONDEFENSE CAPITAL GOODS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	119 352	120 196	119 660	120 561	123 764	125 843	129 159	130 426	130 015	131 183	133 027	135 635
1988	141 111	145 365	146 630	149 285	149 089	151 353	155 209	161 750	164 483	166 102	169 486	175 527
1989	182 633	187 172	190 215	195 110	197 250	201 379	208 471	208 791	208 264	208 910	212 988	220 512
1990	225 062	225 003	229 663	231 461	232 531	232 485	237 432	237 191	239 263	244 448	243 991	249 674
1991	253 189	255 164	255 836	253 244	249 583	245 675	251 202	250 599	248 377	246 273	248 345	245 533
1992	246 826	246 191	246 607	246 385	247 016	245 246	243 356	240 838	240 020	239 558	234 896	234 378
1993	231 739	232 698	228 497	227 527	225 149	224 760	222 640	220 651	217 375	216 101	215 702	213 825
1994	216 807	217 215	215 954	215 187	213 603	213 771	213 100	212 761	212 170	212 774	214 567	212 917
1995	215 201	218 293	216 424	214 801	218 254	214 712	213 243	212 340	214 987	216 382	219 257	223 664
1996	231 344	234 214	237 774	236 825	238 954	238 267	241 908	239 885	242 686	248 124	248 792	247 171
1997	251 099	254 137	252 738	251 006	249 742	249 191	248 734	249 223	249 104	252 792	264 284	261 216
	Seasonally Adjusted—Millions of Dollars											
1987	119 344	119 694	119 370	120 221	123 476	126 005	129 288	130 393	130 362	131 605	133 112	136 171
1988	140 933	144 744	146 335	148 858	148 798	151 631	155 407	161 764	164 915	166 599	169 604	176 069
1989	182 237	186 412	189 943	194 683	196 982	201 700	208 600	208 746	208 579	209 197	212 958	221 152
1990	224 645	224 367	229 626	231 338	232 298	232 840	237 605	237 095	239 522	244 582	243 873	250 314
1991	252 774	254 581	255 856	253 196	249 364	245 986	251 443	250 585	248 734	246 402	248 248	246 093
1992	246 375	245 489	246 492	246 236	246 799	245 529	243 858	240 964	240 476	239 686	234 785	234 817
1993	231 232	231 949	228 332	227 360	224 942	225 038	222 986	220 876	217 975	216 249	215 587	214 248
1994	216 188	216 287	215 679	214 988	213 451	214 225	213 592	213 133	213 013	212 787	214 126	213 268
1995	214 496	215 293	216 279	214 614	216 049	215 219	213 681	212 792	215 990	216 418	218 772	224 059
1996	230 582	233 104	237 556	236 557	238 790	238 763	242 355	240 439	243 708	248 042	248 100	247 491
1997	250 310	253 014	252 589	250 797	249 556	249 810	249 202	249 831	250 098	252 811	263 786	261 575
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	.3	–.3	.7	2.7	2.0	2.6	.9	–	1.0	1.1	2.3
1988	3.5	2.7	1.1	1.7	–	1.9	2.5	4.1	1.9	1.0	1.8	3.8
1989	3.5	2.3	1.9	2.5	1.2	2.4	3.4	.1	–.1	.3	1.8	3.8
1990	1.6	–.1	2.3	.7	.4	.2	2.0	–.2	1.0	2.1	–.3	2.6
1991	1.0	.7	.5	–1.0	–1.5	–1.4	2.2	–.3	–.7	–.9	.7	–.9
1992	.1	–.4	.4	–.1	.2	–.5	–.8	–1.1	–.2	–.3	–2.0	–
1993	–1.5	.3	–1.6	–.4	–1.1	–	–.9	–.9	–1.3	–.8	–.3	–.6
1994	.9	–	–.3	–.3	–.7	.4	–.3	–.2	–.1	–.1	.6	–.4
1995	.6	.4	.5	–.8	.7	–.4	–.7	–.4	1.5	.2	1.1	2.4
1996	2.9	1.1	1.9	–.4	.9	–	1.5	–.8	1.4	1.8	–	–.2
1997	1.1	1.1	–.2	–.7	–.5	.1	–.2	.3	.1	1.1	4.3	–.8

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
NONDEFENSE CAPITAL GOODS, EXCLUDING AIRCRAFT—UNFILLED ORDERS												
Not Seasonally Adjusted—Millions of Dollars												
1987	71 082	71 818	71 183	71 717	72 239	73 484	74 157	74 353	74 402	74 747	75 322	75 355
1988	77 935	79 350	80 033	80 768	81 024	80 016	80 857	82 855	83 328	83 539	84 100	83 251
1989	85 100	86 568	86 428	86 436	86 119	87 990	87 197	86 060	86 342	85 025	85 220	84 666
1990	86 028	86 289	85 060	85 233	85 318	84 566	85 882	85 244	85 257	85 597	84 687	83 962
1991	85 368	85 326	83 006	82 130	81 805	79 326	79 459	78 983	78 946	77 805	77 029	75 889
1992	77 542	78 195	77 674	77 528	77 636	77 191	78 931	76 403	76 674	76 815	76 669	76 977
1993	77 778	78 289	77 040	77 914	77 316	76 517	76 165	76 271	75 886	76 734	77 001	78 010
1994	79 400	80 251	81 487	82 699	82 518	83 975	85 242	86 326	87 056	89 252	90 630	89 977
1995	93 048	94 193	95 117	95 070	95 420	95 749	94 974	94 337	94 399	95 173	96 164	94 631
1996	97 289	98 931	98 099	98 212	97 935	96 714	98 421	97 830	96 589	98 648	98 839	96 220
1997	98 105	100 659	100 501	100 733	100 603	99 143	100 566	100 109	101 084	103 128	104 010	103 172
Seasonally Adjusted—Millions of Dollars												
1987	71 074	71 316	70 893	71 377	71 951	73 646	74 286	74 320	74 749	75 169	75 407	75 891
1988	77 757	78 729	79 738	80 341	80 733	80 294	81 055	82 869	83 758	84 036	84 218	83 793
1989	84 704	85 808	86 156	86 009	85 851	88 311	87 326	88 015	86 657	85 312	85 190	85 306
1990	85 611	85 653	85 023	85 110	85 085	84 921	86 055	85 148	85 516	85 731	84 569	84 602
1991	84 953	84 743	83 026	82 082	81 586	79 637	79 700	78 969	79 303	77 934	76 932	76 449
1992	77 091	77 493	77 559	77 379	77 419	77 474	77 233	76 529	77 130	76 943	76 558	77 416
1993	77 271	77 540	76 875	77 747	77 109	76 795	76 511	76 496	76 486	76 882	76 886	78 433
1994	78 781	79 323	81 212	82 500	82 366	84 429	85 734	86 698	87 899	89 265	90 189	90 328
1995	92 343	93 193	94 972	94 883	95 215	96 256	95 412	94 789	95 402	95 209	95 679	95 026
1996	96 527	97 821	97 881	97 944	97 771	97 210	98 870	98 384	97 611	98 566	98 147	96 540
1997	97 316	99 536	100 352	100 524	100 417	99 762	101 034	100 717	102 078	103 147	103 512	103 531
Seasonally Adjusted—Percent Change From Previous Period												
1987	–.1	.3	–.6	.7	.8	2.4	.9	–	.6	.6	.3	.6
1988	2.5	1.3	1.3	.8	.5	–.5	.9	2.2	1.1	.3	.2	–.5
1989	1.1	1.3	.4	–.2	–.2	2.9	–1.1	–1.5	.7	–1.6	–.1	.1
1990	.4	–	–.7	.1	–	–.2	1.3	–1.1	.4	.3	–1.4	–
1991	.4	–.2	–2.0	–1.1	–.6	–2.4	.1	–.9	.4	–1.7	–1.3	–.6
1992	.8	.5	.1	–.2	.1	.1	–.3	–.9	.8	–.2	–.5	1.1
1993	–.2	.3	–.9	1.1	–.8	–.4	–.4	–	–	.5	–	2.0
1994	.4	.7	2.4	1.6	–.2	2.5	1.5	1.1	1.4	1.6	1.0	.2
1995	2.2	.9	1.9	–.1	.3	1.1	–.9	–.7	.6	–.2	.5	–.7
1996	1.6	1.3	.1	.1	–.2	–.6	1.7	–.5	–.8	1.0	–.4	–1.6
1997	.8	2.3	.8	.2	–.1	–.7	1.3	–.3	1.4	1.0	.4	–
DEFENSE CAPITAL GOODS—UNFILLED ORDERS												
Not Seasonally Adjusted—Millions of Dollars												
1987	162 291	161 212	162 893	164 370	163 205	162 688	162 455	161 513	162 101	162 656	164 081	164 825
1988	165 543	165 848	165 626	164 181	163 846	162 735	160 684	157 315	157 191	158 966	159 036	162 866
1989	162 616	161 690	163 927	162 431	158 548	155 803	154 060	150 809	152 353	152 350	155 861	156 271
1990	156 067	156 668	157 741	156 764	156 421	155 217	153 035	151 213	152 025	151 519	150 452	150 538
1991	150 034	149 978	148 388	146 063	146 270	144 932	144 920	144 657	142 109	142 116	139 255	140 128
1992	140 147	137 565	136 626	135 453	132 619	131 017	128 463	125 852	123 622	123 953	123 776	124 474
1993	126 012	124 206	124 289	123 327	120 535	118 007	117 387	116 402	115 207	113 851	112 478	112 293
1994	113 093	111 759	110 227	108 970	108 138	107 442	106 436	104 165	104 161	104 340	102 298	106 880
1995	106 868	106 788	108 740	107 374	105 649	104 239	102 644	102 339	103 018	102 819	101 853	104 368
1996	106 322	105 140	109 977	109 387	108 181	109 721	107 651	105 523	104 340	103 451	105 402	109 704
1997	110 045	109 215	110 253	109 775	107 650	106 851	105 094	103 307	102 165	100 376	99 519	102 216
Seasonally Adjusted—Millions of Dollars												
1987	160 361	158 962	159 686	161 714	162 519	163 448	164 198	164 798	164 353	164 792	164 924	163 786
1988	163 803	163 541	162 802	162 042	163 341	163 482	162 216	160 418	159 222	160 876	159 408	161 878
1989	161 209	159 722	181 534	160 678	158 199	156 338	155 342	153 619	154 242	153 935	155 975	155 314
1990	154 739	154 987	155 581	155 330	156 200	155 650	154 110	153 615	153 887	152 796	150 747	149 844
1991	148 875	148 709	146 479	144 792	146 047	145 158	145 681	146 534	143 848	143 160	139 873	139 666
1992	138 881	136 589	134 777	134 171	132 310	131 171	129 092	127 307	125 250	125 123	124 732	124 047
1993	124 745	123 435	122 587	121 983	120 178	117 975	117 916	117 718	116 782	114 998	113 714	112 062
1994	111 983	111 126	108 532	107 503	107 862	107 237	106 926	105 423	105 737	105 702	103 799	106 548
1995	105 765	106 157	106 972	105 823	105 069	103 844	103 094	103 653	104 694	104 446	103 543	103 880
1996	105 169	104 392	108 003	107 684	107 488	109 237	108 163	106 982	106 119	105 361	107 360	109 186
1997	108 670	108 268	108 239	107 992	106 947	106 313	105 600	104 796	104 023	102 377	101 386	101 797
Seasonally Adjusted—Percent Change From Previous Period												
1987	–.8	–.9	.5	1.3	.5	.6	.5	.4	–.3	.3	.1	–.7
1988	–	–.2	–.5	–.5	.8	.1	–.8	–1.1	–.7	1.0	–.9	1.5
1989	–.4	–.9	1.1	–.5	–1.5	–1.2	–.6	–1.1	.4	–.2	1.3	–.4
1990	–.4	.2	.4	–.1	.6	–.4	–1.0	–.3	.2	–.7	–1.3	–.6
1991	–.6	–.1	–1.5	–1.2	.9	–.6	.4	.6	–1.8	–.5	–2.3	–.1
1992	–.6	–1.7	–1.3	–.4	–1.4	–.9	–1.6	–1.4	–1.6	–.1	–.3	–.5
1993	.6	–1.1	–.7	–.5	–1.5	–1.8	–.1	–.2	–.8	–1.5	–1.1	–1.5
1994	–.1	–.8	–2.3	–.9	.1	–.4	–.3	–1.4	.3	–	–1.8	2.6
1995	–.7	.4	.8	–1.1	–.7	–1.2	–.7	.5	1.0	–.2	–.9	.3
1996	1.2	–.7	3.5	–.3	–.2	1.6	–1.0	–1.1	–.8	–.7	1.9	1.7
1997	–.5	–.4	–	–.2	–1.0	–.6	–.7	–.8	–.7	–1.6	–1.0	.4

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	DURABLE GOODS, EXCLUDING CAPITAL GOODS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	95 103	96 692	98 997	99 948	100 708	101 390	103 678	104 363	104 604	104 436	104 230	105 984
1988	109 013	111 973	114 084	114 151	114 423	113 510	114 699	113 502	112 113	110 823	109 889	111 466
1989	113 566	115 388	115 909	116 283	114 917	113 999	112 964	110 397	109 795	107 891	106 672	107 840
1990	110 605	111 240	112 560	113 726	114 242	112 492	113 232	112 015	110 935	109 308	107 477	106 099
1991	107 071	107 613	107 904	109 196	109 506	107 508	110 071	109 919	109 462	107 938	106 898	106 839
1992	108 518	109 382	108 611	109 787	109 547	109 312	109 666	109 277	107 270	106 336	105 772	107 476
1993	112 287	114 679	113 925	114 348	113 585	110 513	112 651	111 535	108 764	109 066	107 188	106 549
1994	110 770	112 118	114 761	116 879	117 968	116 386	118 081	117 470	115 752	116 504	116 677	117 802
1995	123 714	126 570	126 375	128 349	127 736	124 316	128 323	128 522	124 665	126 916	124 755	123 916
1996	128 429	129 332	126 901	128 201	127 629	125 764	129 944	130 746	128 047	131 759	129 598	127 450
1997	134 276	137 912	135 960	137 704	139 592	137 778	139 132	144 238	141 806	145 387	144 074	142 902
	Seasonally Adjusted—Millions of Dollars											
1987	95 511	95 647	96 709	97 738	99 011	100 792	102 451	103 996	105 607	107 018	107 912	108 731
1988	109 312	110 879	111 599	111 582	112 429	112 745	113 278	113 167	113 107	113 348	113 409	114 203
1989	113 906	114 446	113 748	113 841	112 812	113 212	111 392	109 959	110 598	110 024	109 902	110 632
1990	110 991	110 536	110 985	111 599	112 217	111 922	111 680	111 464	111 717	111 269	110 703	108 966
1991	107 372	106 997	106 703	107 215	107 557	107 060	108 539	109 221	110 289	109 642	109 978	110 043
1992	108 872	108 588	107 477	107 639	107 407	109 084	108 064	108 526	108 358	107 717	108 697	110 517
1993	112 240	113 446	112 789	112 139	111 589	110 705	111 158	110 710	110 123	110 290	109 975	109 707
1994	110 440	110 546	113 604	114 619	116 072	116 994	116 662	116 616	117 546	117 800	119 671	121 182
1995	122 948	124 529	125 152	125 944	125 959	125 429	126 813	127 505	126 910	127 464	127 323	127 520
1996	127 260	127 124	126 104	126 194	126 182	127 177	128 652	129 800	130 384	131 947	131 693	130 764
1997	132 862	135 521	135 421	136 108	138 468	139 524	137 821	143 066	144 163	145 281	146 127	146 555
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.1	.1	1.1	1.1	1.3	1.8	1.6	1.5	1.5	1.3	.8	.8
1988	.5	1.4	.6	–	.8	.3	.5	–.1	–.1	.2	.1	.7
1989	–.3	.5	–.6	.1	–.9	.4	–1.6	–1.3	.6	–.5	–.1	.7
1990	.3	–.4	.4	.6	.6	–.3	–.2	–.2	.2	–.4	–.5	–1.6
1991	–1.5	–.3	–.3	.5	.3	–.5	1.4	.6	1.0	–.6	.3	.1
1992	–1.1	–.3	–1.0	.2	–.2	1.6	–.9	.4	–.2	–.6	.9	1.7
1993	1.6	1.1	–.6	–.6	–.5	–.8	.4	–.4	–.5	.2	–.3	–.2
1994	.7	.1	2.8	.9	1.3	.8	–.3	–	.8	.2	1.6	1.3
1995	1.5	1.3	.5	.6	–	–.4	1.1	.5	–.5	.4	–.1	.2
1996	–.2	–.1	–.8	.1	–	.8	1.2	.9	.4	1.2	–.2	–.7
1997	1.6	2.0	–.1	.5	1.7	.8	–1.2	3.8	.8	.8	.6	.3
	PRODUCERS' DURABLE EQUIPMENT—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	152 609	154 199	153 971	154 295	157 397	159 419	162 395	163 646	163 017	163 194	164 229	166 228
1988	170 432	175 608	177 771	179 890	179 357	180 670	185 237	188 307	188 211	188 410	191 626	198 470
1989	205 537	210 288	213 390	217 749	218 905	223 003	225 622	225 012	224 591	224 046	225 812	233 224
1990	239 101	238 240	242 403	243 214	243 784	242 647	248 358	247 201	248 491	253 841	252 475	257 496
1991	261 688	262 648	262 585	260 997	258 066	251 559	253 536	251 850	250 640	249 063	249 537	246 124
1992	248 039	247 096	246 235	246 377	247 579	246 316	244 394	241 960	240 192	239 034	234 192	234 232
1993	233 701	235 414	231 076	230 002	227 767	226 824	226 594	225 404	222 444	222 005	221 046	218 287
1994	223 247	223 707	223 799	223 866	223 410	224 747	226 089	226 413	224 796	226 339	227 621	226 453
1995	230 243	232 364	232 811	231 939	232 814	231 021	230 612	230 311	232 858	235 873	237 596	241 977
1996	250 419	253 869	256 189	255 503	257 643	256 342	260 590	259 401	260 759	263 102	261 740	260 395
1997	266 192	270 048	268 587	268 106	267 636	266 408	268 019	269 144	268 399	274 411	285 969	283 114
	Seasonally Adjusted—Millions of Dollars											
1987	152 926	153 582	153 077	153 330	156 633	159 383	161 577	162 944	163 294	164 257	165 820	168 152
1988	170 514	174 978	176 880	178 722	178 559	180 818	184 478	187 672	188 503	189 339	192 979	200 370
1989	205 419	209 602	212 601	216 570	218 057	223 278	224 778	224 339	224 752	224 686	226 980	235 349
1990	238 934	237 677	242 023	242 513	243 015	243 131	247 683	246 475	248 558	254 130	253 492	259 613
1991	261 501	262 198	262 382	260 440	257 299	252 013	253 001	251 203	250 835	249 268	250 457	248 306
1992	247 857	246 450	245 906	245 666	246 637	246 719	243 892	241 419	240 529	239 255	235 023	236 044
1993	233 290	234 569	230 819	229 477	226 989	227 342	226 221	224 911	222 966	222 198	221 731	220 081
1994	222 649	222 529	223 470	223 374	222 721	225 486	225 871	225 964	225 588	226 434	228 075	228 248
1995	229 513	231 075	232 609	231 465	232 101	231 827	230 299	229 843	233 828	236 004	237 996	243 777
1996	249 593	252 397	256 001	255 023	257 006	257 165	260 364	259 094	261 772	263 065	261 801	261 998
1997	265 288	268 503	268 526	267 813	267 076	267 451	267 782	268 809	269 271	274 357	286 190	284 859
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.5	.4	–.3	.2	2.2	1.8	1.4	.8	.2	.6	1.0	1.4
1988	1.4	2.6	1.1	1.0	–.1	1.3	2.0	1.7	.4	.4	1.9	3.8
1989	2.5	2.0	1.4	1.9	.7	2.4	.7	–.2	.2	–	1.0	3.7
1990	1.5	–.5	1.8	.2	.2	–	1.9	–.5	.8	2.2	–.3	2.4
1991	.7	.3	.1	–.7	–1.2	–2.1	.4	–.7	–.1	–.6	.5	–.9
1992	–.2	–.6	–.2	–.1	.4	–	–1.1	–1.0	–.4	–.5	–1.8	.4
1993	–1.2	.5	–1.6	–.6	–1.1	.2	–.5	–.6	–.9	–.3	–.2	–.7
1994	1.2	–.1	.4	–	–.3	1.2	.2	–	–.2	.4	.7	.1
1995	.6	.7	.7	–.5	.3	–.1	–.7	–.2	1.7	.9	.8	2.4
1996	2.4	1.1	1.4	–.4	.8	.1	1.2	–.5	1.0	.5	–.5	.1
1997	1.3	1.2	–	–.3	–.3	.1	.1	.4	.2	1.9	4.3	–.5

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HOUSEHOLD DURABLE GOODS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 261	5 480	6 124	6 023	6 193	5 953	6 211	6 127	5 877	5 612	5 252	4 731
1988	5 484	6 107	6 191	6 337	6 225	6 163	6 134	6 052	5 769	5 288	4 862	4 663
1989	5 696	5 860	6 317	6 542	6 397	6 188	6 411	6 229	5 967	5 588	5 103	4 767
1990	5 460	5 516	5 737	5 888	5 767	5 763	5 979	5 825	5 597	4 956	4 710	4 257
1991	4 610	4 749	4 976	5 296	5 338	5 263	5 485	5 613	5 446	5 083	4 564	4 449
1992	4 979	5 200	5 202	5 666	5 507	5 404	5 610	5 497	5 235	5 067	4 694	4 348
1993	5 076	5 332	5 263	5 706	5 549	5 404	5 742	5 868	5 631	5 343	4 948	4 740
1994	5 397	5 520	5 560	5 707	6 021	5 887	6 179	6 236	6 184	5 679	5 416	5 073
1995	5 696	5 592	5 713	5 680	5 953	5 939	6 369	6 327	6 057	5 685	5 311	4 928
1996	5 579	5 652	5 745	5 963	6 024	5 736	5 769	5 714	5 451	5 569	4 695	4 454
1997	4 617	5 002	4 931	5 077	5 464	5 609	6 362	6 132	6 227	6 162	6 199	5 783
	Seasonally Adjusted—Millions of Dollars											
1987	5 548	5 550	5 753	5 657	5 715	5 636	5 669	5 701	5 742	5 987	6 178	5 842
1988	5 706	6 192	5 620	5 662	5 750	5 829	5 596	5 656	5 660	5 591	5 569	5 703
1989	5 962	5 937	5 977	6 071	5 926	5 847	5 845	5 822	5 848	5 940	5 930	5 854
1990	5 706	5 569	5 516	5 473	5 402	5 547	5 511	5 436	5 438	5 225	5 513	5 215
1991	4 849	4 843	4 857	4 930	5 011	5 039	5 068	5 206	5 257	5 270	5 256	5 498
1992	5 285	5 357	5 184	5 334	5 145	5 201	5 171	5 082	5 048	5 204	5 234	5 047
1993	5 268	5 409	5 293	5 464	5 270	5 278	5 350	5 445	5 440	5 394	5 366	5 438
1994	5 529	5 548	5 613	5 541	5 767	5 804	5 808	5 612	8 007	5 882	5 830	5 788
1995	5 772	5 651	5 804	5 540	5 695	5 656	5 982	5 921	5 908	5 638	5 631	5 580
1996	5 653	5 692	5 676	5 910	5 809	5 680	5 435	5 420	5 332	5 478	4 859	4 916
1997	4 835	5 003	5 048	5 137	5 398	5 568	6 051	5 878	6 067	6 023	8 362	6 289
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–4.6	–	3.7	–1.7	1.0	–1.4	.6	.6	.7	4.3	3.2	–5.4
1988	–2.3	6.5	–6.0	.7	–1.9	1.4	–4.0	1.1	.1	–1.2	–.4	2.4
1989	4.5	–.4	.7	1.6	–2.4	–1.3	–	–.4	.4	1.6	–.2	–1.3
1990	–2.5	–2.4	–.9	–.6	–1.3	2.7	–.6	–1.4	–	–3.9	5.5	–5.4
1991	–7.0	–.1	.3	1.5	1.6	.6	.6	2.6	.9	.2	–.2	4.6
1992	–3.9	1.4	–3.2	2.9	–3.5	1.1	–.6	–1.7	–.7	3.1	.6	–3.6
1993	4.4	2.7	–2.1	3.2	–3.6	.2	1.4	1.8	–.1	–.8	–.5	1.3
1994	1.7	.3	1.2	–1.3	4.1	.6	.1	.1	3.4	–2.1	–.9	–.7
1995	–.3	–2.1	2.7	–4.5	2.8	2.8	2.2	–1.0	–.2	–4.6	–.1	–.9
1996	1.3	.7	3.2	.6	–1.7	–2.2	–4.3	–.3	–1.6	2.7	–11.3	1.2
1997	–1.6	3.5	.9	1.8	5.1	3.5	6.3	–2.9	3.2	–.7	5.6	–1.1
	INFORMATION TECHNOLOGY INDUSTRIES—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	38 697	38 751	38 185	38 539	38 459	39 681	40 037	39 262	39 062	39 035	38 914	38 986
1988	40 467	40 941	41 001	41 507	41 938	40 645	40 980	41 726	41 336	41 551	41 619	41 607
1989	41 518	42 018	41 571	41 009	40 587	39 565	39 330	39 144	39 558	39 244	39 106	39 752
1990	39 560	39 419	39 353	39 603	39 808	39 694	40 340	39 806	40 214	40 162	39 586	39 095
1991	39 220	40 074	39 490	39 013	39 269	36 749	38 633	38 374	37 859	37 293	36 907	35 987
1992	35 922	35 949	35 671	35 243	35 514	34 875	34 690	34 518	34 651	34 460	33 973	35 012
1993	34 673	35 163	34 350	35 410	35 644	35 317	34 696	34 335	33 974	34 117	34 729	33 865
1994	33 695	33 609	33 880	34 108	34 264	35 015	35 684	35 686	36 153	36 953	37 024	36 709
1995	37 252	37 906	38 204	38 415	38 691	36 635	38 431	37 784	37 672	38 111	36 356	37 348
1996	37 861	38 324	38 093	38 736	38 295	37 436	38 246	37 543	35 944	38 046	37 958	36 209
1997	38 569	38 279	38 287	38 345	38 927	39 040	40 026	39 200	38 669	36 612	38 783	37 970
	Seasonally Adjusted—Millions of Dollars											
1987	39 038	38 784	38 383	38 483	38 211	39 411	39 609	38 970	39 035	39 065	38 864	39 399
1988	40 824	41 035	41 249	41 498	41 704	40 664	40 776	41 404	41 229	41 495	41 677	42 038
1989	41 873	42 177	41 848	41 061	40 342	39 434	39 161	38 664	39 411	39 124	38 909	40 170
1990	39 890	39 621	39 626	39 719	39 545	39 569	40 190	39 534	40 052	39 976	39 326	39 511
1991	39 568	40 324	39 785	39 184	38 964	38 607	38 480	38 117	37 730	37 070	36 626	36 352
1992	36 243	36 162	35 921	35 404	35 244	34 740	34 574	34 326	34 794	34 281	33 719	35 309
1993	34 967	35 369	34 594	35 553	35 386	35 180	34 775	34 173	33 970	33 953	34 470	34 115
1994	33 986	33 781	34 137	34 244	33 977	34 861	35 513	35 489	36 220	36 696	36 594	37 049
1995	37 678	38 165	38 639	38 566	38 321	38 473	38 184	37 580	37 784	37 870	37 935	37 669
1996	38 266	38 531	38 454	38 838	37 969	37 321	37 976	37 359	36 064	37 833	37 552	36 553
1997	36 967	38 473	38 643	38 421	38 592	38 958	39 767	39 049	38 965	38 660	38 497	38 248
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.4	–.7	–1.0	.3	–.7	3.1	1.0	–2.1	.2	.1	–.5	1.4
1988	3.6	.5	.5	.6	.5	–2.5	.3	1.5	–.4	.6	.4	.9
1989	–.4	.7	–.8	–1.9	–1.8	–2.3	–.7	–.8	1.4	–.7	–.5	3.2
1990	–.7	–.7	–	.2	–.4	.1	1.6	–1.6	1.3	–.2	–1.6	.5
1991	.1	1.9	–1.3	–1.5	–.6	–.9	–.3	–.9	–1.0	–1.7	–1.2	–.7
1992	–.3	–.2	–.7	–1.4	–.5	–1.4	–.5	–.7	1.4	–1.5	–1.6	4.7
1993	–1.0	1.1	–2.2	2.8	–.5	–.6	–1.2	–1.7	–.6	–.1	1.5	–1.0
1994	–.4	–.6	1.1	.3	–.8	2.6	1.9	–.1	2.1	1.3	–.3	1.2
1995	1.7	1.3	1.2	–.2	–.6	.4	–.8	–1.6	.5	.2	.2	–.7
1996	1.6	.7	–.2	1.0	–2.2	–1.7	1.8	–1.6	–3.5	4.9	–.7	–2.7
1997	1.2	4.0	.4	–.6	.4	.9	2.1	–1.8	–.2	–.8	–.4	–.6

See footnote at end of table.

Table 3. Manufacturers' Unfilled Orders and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HEALTH CARE EQUIPMENT AND PRODUCTS—UNFILLED ORDERS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 900	5 852	5 892	5 958	5 959	6 132	6 282	8 353	6 431	8 470	8 530	8 649
1988	6 731	6 755	6 811	8 780	8 844	6 875	8 961	8 913	6 835	8 934	7 071	7 283
1989	7 035	7 038	7 042	7 163	7 190	7 834	7 940	7 930	8 829	9 070	9 029	8 853
1990	9 149	9 293	9 349	9 264	9 135	9 240	9 350	9 290	9 379	9 665	9 556	9 406
1991	9 479	9 356	9 314	9 110	9 147	8 871	9 048	9 074	9 145	9 470	9 279	8 801
1992	8 911	8 982	8 801	8 801	8 915	8 873	8 809	9 455	9 375	10 065	10 218	10 113
1993	10 488	10 261	10 118	10 007	10 211	9 948	10 066	9 925	9 687	9 980	9 871	9 518
1994	9 715	9 475	9 234	8 998	8 882	8 698	8 738	8 564	8 195	8 243	8 138	7 885
1995	7 910	7 869	7 424	7 354	7 137	7 127	7 078	7 023	8 970	7 449	7 445	7 377
1996	7 494	7 661	7 280	7 320	7 523	7 402	7 813	7 905	7 932	7 970	8 026	7 556
1997	8 150	8 200	7 686	8 038	8 155	7 755	7 880	8 116	7 963	8 324	8 481	8 487
	Seasonally Adjusted—Millions of Dollars											
1987	5 834	5 843	5 918	6 020	8 047	6 185	8 288	8 352	8 404	8 384	6 471	6 627
1988	6 667	6 744	8 838	8 881	8 961	8 960	6 971	6 925	8 810	6 796	8 972	7 270
1989	6 973	7 022	7 066	7 261	7 314	7 968	7 965	7 958	8 817	8 838	8 854	8 852
1990	9 059	9 258	9 388	9 402	9 280	9 440	9 397	9 339	9 397	9 378	9 338	9 420
1991	9 364	9 297	9 355	9 255	9 270	9 090	9 107	9 137	9 201	9 180	9 053	8 818
1992	8 774	8 884	8 811	8 884	8 927	8 851	8 858	9 558	9 537	9 880	10 020	10 149
1993	10 294	10 105	10 154	10 120	10 233	10 174	10 118	10 019	9 886	9 795	9 877	9 528
1994	9 510	9 291	9 301	9 101	8 902	8 915	8 781	8 628	8 381	8 110	7 988	7 883
1995	7 735	7 683	7 494	7 430	7 152	7 321	7 116	7 058	7 133	7 351	7 318	7 385
1996	7 327	7 455	7 359	7 376	7 528	7 620	7 875	7 931	8 116	7 879	7 899	7 542
1997	7 976	7 960	7 778	8 078	8 146	7 997	7 957	8 138	8 142	8 241	8 356	8 453
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.3	.2	1.2	1.8	.4	2.3	1.7	1.0	.8	–.3	1.4	2.4
1988	.8	1.2	1.4	.3	1.5	–	.2	–.7	–1.7	–.2	2.8	4.3
1989	–4.1	.7	.8	2.8	.7	8.9	–	–.1	10.8	.2	.2	–
1990	2.3	2.2	1.4	.1	–1.3	1.7	–.5	–.6	.8	–.2	–.4	.9
1991	–.6	–.7	.6	–1.1	.2	–1.9	.2	.3	.7	–.2	–1.4	–2.6
1992	–.5	1.3	–.8	.8	.5	–.9	.1	7.9	–.2	3.4	1.8	1.3
1993	1.4	–1.8	.5	–.3	1.1	–.8	–.6	–1.0	–1.3	–.9	–1.2	–1.5
1994	–.2	–2.3	.1	–2.2	–2.2	.1	–1.5	–1.8	–2.8	–3.2	–1.5	–1.3
1995	–1.9	–.7	–2.5	–.9	–3.7	2.4	–2.8	–.8	1.1	3.1	–.4	.6
1996	–.5	1.7	–1.3	.2	2.1	1.2	3.3	.7	2.3	–2.9	.3	–4.5
1997	5.8	–.2	–2.3	3.9	.8	–1.8	–.5	2.3	–	1.2	1.4	1.2

– Represents no change.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997

Year	January	February	March	April	May	June	July	August	September	October	November	December
ALL MANUFACTURING INDUSTRIES, TOTAL—TOTAL INVENTORIES												
Not Seasonally Adjusted—Millions of Dollars												
1987	322 491	324 967	324 762	326 933	328 722	326 502	327 613	330 402	329 606	332 073	334 327	332 619
1988	339 130	344 489	345 877	349 104	352 948	352 350	354 982	357 895	357 795	360 681	363 116	363 300
1989	372 146	377 053	378 831	383 321	386 477	385 186	390 185	392 089	388 523	390 806	391 577	384 539
1990	394 114	397 531	395 455	398 599	400 750	395 727	400 622	402 879	402 697	405 723	406 487	397 850
1991	403 730	406 538	402 012	403 029	399 709	393 821	393 645	393 339	391 775	392 591	391 696	383 509
1992	387 502	389 030	386 642	387 374	388 368	383 535	385 888	389 531	385 760	386 698	383 519	374 906
1993	380 058	383 573	382 115	384 987	387 094	383 121	385 339	387 883	384 850	386 527	385 940	375 982
1994	384 104	388 639	386 411	389 204	392 962	389 527	396 578	400 092	396 721	400 319	401 830	395 974
1995	407 520	414 494	414 835	420 311	425 164	421 625	427 548	429 887	428 165	430 908	429 786	421 285
1996	431 902	436 768	433 182	435 707	436 240	430 010	434 354	437 214	434 505	437 488	437 936	427 130
1997	437 097	443 876	440 894	446 775	450 616	445 734	451 052	455 123	451 811	458 570	458 113	446 131
Seasonally Adjusted—Millions of Dollars												
1987	323 662	323 677	324 132	324 768	325 985	326 451	326 970	329 125	330 754	332 555	335 386	338 109
1988	339 972	342 843	345 160	348 875	350 048	352 689	354 217	356 442	359 053	361 064	363 975	369 374
1989	372 911	375 123	378 372	381 051	383 506	386 125	389 422	390 274	389 762	390 680	392 093	391 212
1990	394 988	395 607	395 314	396 448	397 883	397 048	399 773	400 686	403 670	404 971	406 437	405 073
1991	404 673	404 517	402 037	401 067	397 089	395 545	392 914	390 946	392 499	391 418	391 370	390 950
1992	388 835	387 253	387 170	385 762	385 792	385 222	384 888	386 754	386 160	385 288	383 106	382 510
1993	381 366	381 594	382 578	383 505	384 369	384 889	384 260	384 902	385 166	385 188	385 722	384 039
1994	385 502	386 533	387 036	387 745	389 957	391 305	395 305	396 827	398 975	399 044	401 629	404 877
1995	409 071	412 092	415 625	418 586	421 634	423 425	425 920	426 131	428 522	429 878	429 716	430 985
1996	433 597	434 023	434 157	433 815	432 518	432 102	432 854	433 794	434 864	436 428	437 606	436 729
1997	438 641	440 915	441 676	444 714	446 888	447 947	449 657	451 737	452 224	455 553	457 766	456 133
Seasonally Adjusted—Percent Change From Previous Period												
1987	.3	–	.1	.2	.4	.1	.2	.7	.5	.5	.9	.8
1988	.6	.8	.7	.5	.9	.8	.4	.6	.7	.6	.8	1.5
1989	1.0	.6	.9	.7	.6	.7	.9	.2	–.1	.2	.4	–.2
1990	1.0	.2	–.1	.3	.4	–.2	.7	.2	.7	.3	.4	–.3
1991	–.1	–	–.6	–.2	–1.0	–.4	–.7	–.5	.4	–.3	–	–.1
1992	–.5	–.4	–	–.4	–	–.1	–.1	.5	–.2	–.2	–.6	–.2
1993	–.3	.1	.3	.2	.2	.1	–.2	.2	.1	–	.1	–.4
1994	.4	.3	.1	.2	.6	.3	1.0	.4	–	.5	.6	.8
1995	1.0	.7	.9	.7	.7	.4	.6	–	.6	.3	–	.3
1996	.6	.1	–	–.1	–.3	–.1	.2	.2	.2	.4	.3	–.2
1997	.4	.5	.2	.7	.5	.2	.4	.5	.1	.7	.5	–.4
ALL MANUFACTURING INDUSTRIES WITH UNFILLED ORDERS—TOTAL INVENTORIES												
Not Seasonally Adjusted—Millions of Dollars												
1987	220 606	222 482	223 009	225 102	226 757	225 578	226 435	227 886	226 908	228 172	229 383	227 201
1988	231 869	236 329	237 660	240 828	244 321	243 870	246 111	248 063	248 119	249 386	250 995	250 800
1989	257 609	261 892	263 636	266 841	270 148	269 303	272 977	274 113	270 956	272 043	272 421	266 772
1990	273 573	276 195	275 053	278 290	280 365	277 019	280 185	280 736	278 005	279 226	279 885	271 887
1991	276 255	279 220	276 994	277 995	276 161	272 150	272 172	270 870	268 317	267 833	266 396	259 256
1992	262 293	263 318	281 787	262 433	262 838	259 240	260 270	262 095	258 084	257 221	254 635	246 849
1993	250 037	252 916	251 723	253 992	256 015	253 444	255 912	256 881	253 786	254 322	253 711	245 891
1994	252 151	256 108	254 741	257 868	261 354	258 870	263 564	266 204	262 581	264 580	265 668	260 379
1995	268 747	273 570	274 421	279 354	283 629	281 546	288 412	287 989	285 194	287 034	286 173	278 663
1996	287 056	290 761	288 034	290 745	292 167	287 631	291 117	293 185	289 093	290 980	292 111	282 152
1997	289 761	294 990	293 017	298 568	301 955	298 571	303 339	305 982	300 725	303 329	304 664	294 632
Seasonally Adjusted—Millions of Dollars												
1987	222 873	222 527	222 775	223 387	224 014	224 281	224 639	226 106	227 179	228 731	230 869	232 541
1988	234 003	236 120	237 487	239 036	241 419	242 854	244 152	246 035	248 472	249 889	252 309	256 767
1989	259 832	261 507	263 586	264 934	267 035	268 595	270 884	271 731	271 471	272 333	273 564	273 288
1990	275 887	275 735	275 123	276 357	277 220	276 541	277 990	277 971	278 410	279 230	280 747	278 850
1991	278 663	278 746	277 279	276 160	273 210	271 956	270 082	267 954	268 576	267 516	266 932	266 316
1992	264 898	262 952	262 489	260 849	259 951	259 108	258 081	258 965	258 217	256 716	255 039	253 848
1993	252 481	252 429	252 480	252 492	253 031	253 373	253 664	253 564	253 900	253 829	254 112	253 190
1994	254 557	255 548	255 782	256 447	258 141	258 949	261 110	262 602	262 769	264 212	266 102	268 334
1995	271 185	272 810	275 696	277 751	279 943	281 585	283 589	284 038	285 500	286 881	286 649	287 284
1996	289 562	289 798	289 544	289 051	288 257	287 850	288 285	289 260	289 499	290 896	292 445	290 688
1997	292 112	293 866	294 368	296 794	298 074	298 877	300 591	302 073	301 183	303 253	304 880	303 472
Seasonally Adjusted—Percent Change From Previous Period												
1987	.2	–.2	.1	.3	.3	.1	.2	.7	.5	.7	.9	.7
1988	.6	.9	.8	.7	1.0	.6	.5	.8	1.0	.6	1.0	1.8
1989	1.2	.6	.8	.5	.8	.6	.9	.3	–.1	.3	.5	–.1
1990	1.0	–.1	–.2	.4	.3	–.2	.5	–	.2	.3	.5	–.7
1991	–.1	–	–.5	–.4	–1.1	–.5	–.7	–.8	.2	–.4	–.2	–.2
1992	–.5	–.7	–.2	–.6	–.3	–.3	–.4	.3	–.3	–.6	–.7	–.5
1993	–.5	–	–	–	.2	.1	.1	–	.1	–	.1	–.4
1994	.5	.4	.1	.3	.7	.3	.8	.6	.1	.5	.7	.8
1995	1.1	.6	1.1	.7	.8	.6	.7	.2	.5	.5	–.1	.2
1996	.8	.1	–.1	–.2	–.3	–.1	.2	.3	.1	.5	.5	–.6
1997	.5	.8	.2	.8	.4	.3	.6	.5	–.3	.7	.5	–.5

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	DURABLE GOODS INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	210 728	212 450	212 576	214 094	215 268	213 828	214 131	215 519	215 021	216 486	218 078	216 343
1988	221 117	225 317	228 044	228 046	230 937	230 071	231 863	233 426	233 748	235 480	237 442	237 510
1989	244 248	248 339	249 786	252 257	254 893	253 544	257 209	258 377	255 482	257 064	257 682	252 058
1990	258 737	261 157	259 590	262 425	264 160	260 116	262 926	263 968	262 111	263 704	264 894	257 363
1991	260 988	263 753	260 806	261 191	259 068	254 834	254 718	254 015	252 289	251 864	251 025	244 121
1992	246 788	247 890	248 028	245 922	246 297	242 734	243 244	245 179	241 633	241 204	239 472	232 318
1993	234 827	238 461	237 348	238 961	240 557	237 782	239 537	241 077	239 078	240 199	240 541	233 306
1994	239 694	243 174	241 104	243 094	248 133	243 722	248 081	250 887	248 078	250 011	251 818	247 001
1995	254 551	258 998	258 317	261 694	264 982	281 611	266 036	267 589	265 444	267 959	268 180	261 138
1996	269 366	273 116	270 291	272 416	274 049	269 373	273 306	275 648	272 469	274 314	275 308	266 547
1997	274 261	279 216	276 813	281 269	284 200	280 596	285 204	287 937	283 984	286 770	288 424	278 766
	Seasonally Adjusted—Millions of Dollars											
1987	212 135	211 629	211 789	212 474	212 921	213 111	213 430	214 580	215 680	217 015	219 081	220 799
1988	222 310	224 218	225 350	226 414	228 493	229 916	231 075	232 314	234 503	235 872	238 159	242 468
1989	245 460	247 055	249 245	250 561	252 283	253 785	256 375	258 930	258 362	257 167	258 096	257 513
1990	260 080	259 842	259 237	260 801	261 573	260 600	262 017	262 157	262 824	263 505	264 939	263 209
1991	262 411	262 393	260 664	259 701	258 656	255 560	253 854	252 030	252 818	251 409	250 764	250 019
1992	248 489	246 690	246 326	244 745	244 013	243 497	242 236	243 030	242 007	240 584	239 063	238 105
1993	236 329	237 083	237 654	237 911	238 249	238 651	238 485	238 759	239 417	239 617	240 151	239 334
1994	241 071	241 659	241 655	242 138	243 680	244 771	246 885	248 314	248 509	249 573	251 437	253 624
1995	255 847	257 193	259 004	260 531	262 135	262 709	264 569	264 748	266 034	267 719	267 826	268 353
1996	270 707	271 111	271 251	271 153	270 995	270 682	271 759	272 684	273 092	274 146	274 896	273 815
1997	275 517	277 080	277 399	279 880	281 143	282 013	283 723	284 982	284 660	286 654	287 949	286 372
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	−.2	.1	.3	.2	.1	.1	.5	.5	.6	1.0	.8
1988	.7	.9	.5	.5	.9	.6	.5	.5	.9	.8	1.0	1.8
1989	1.2	.6	.9	.5	.7	.6	1.0	.2	−.2	.3	.4	−.2
1990	1.0	−.1	−.2	.6	.3	−.4	.5	.1	.3	.3	.5	−.7
1991	−.3	–	−.7	−.4	−1.2	−.4	−.7	−.7	.3	−.6	−.3	−.3
1992	−.6	−.7	−.1	−.6	−.3	−.2	−.5	.3	−.4	−.6	−.6	−.4
1993	−.7	.3	.2	.1	.1	.2	−.1	.1	.3	.1	.2	−.3
1994	.7	.2	–	.2	.6	.4	.9	.6	.1	.4	.7	.9
1995	.9	.5	.7	.6	.6	.2	.7	.1	.5	.6	–	.2
1996	.9	.1	.1	–	−.1	−.1	.4	.3	.1	.4	.3	−.4
1997	.6	.6	.1	.9	.5	.3	.6	.4	−.1	.7	.5	−.5
	DURABLE GOODS WITH UNFILLED ORDERS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	193 622	194 834	194 850	196 710	198 056	196 947	197 700	198 931	198 243	199 775	200 828	198 663
1988	202 767	206 640	207 557	209 950	213 043	212 471	214 238	215 865	216 233	217 782	219 241	219 218
1989	225 302	229 201	230 842	233 626	236 325	235 187	238 554	239 754	236 984	238 413	238 863	233 649
1990	239 773	241 950	240 575	243 478	245 302	241 866	244 368	245 184	243 178	244 755	245 563	238 135
1991	241 513	243 886	241 661	242 573	241 051	237 289	237 292	236 402	234 503	234 085	232 856	226 127
1992	228 256	229 103	227 457	227 626	227 971	224 619	225 178	226 712	223 064	222 419	220 268	213 399
1993	215 642	218 440	217 098	218 914	220 813	218 444	220 652	221 464	219 125	220 044	219 830	212 613
1994	218 206	221 554	219 930	222 550	225 829	223 546	227 562	230 125	227 064	228 956	230 118	225 309
1995	232 219	236 078	235 733	239 582	243 119	240 523	244 498	245 914	243 666	245 736	245 292	238 753
1996	246 252	249 520	247 148	249 815	251 595	247 522	250 809	252 878	249 896	251 856	253 038	244 321
1997	251 231	255 656	253 547	258 494	261 496	258 483	262 885	265 312	260 598	263 349	264 934	255 517
	Seasonally Adjusted—Millions of Dollars											
1987	195 455	194 799	194 694	195 358	195 765	196 077	196 414	197 584	198 472	199 899	201 778	203 157
1988	204 475	206 369	207 463	208 540	210 628	211 900	212 875	214 347	216 565	217 806	219 969	224 211
1989	227 072	228 755	230 872	232 113	233 711	234 947	237 118	237 902	237 455	238 223	239 388	239 116
1990	241 674	241 444	240 725	241 957	242 646	241 836	242 870	243 005	243 536	244 344	245 796	243 970
1991	243 480	243 340	242 021	241 171	238 563	237 495	235 888	234 085	234 726	233 447	232 788	232 014
1992	230 438	228 661	228 223	226 482	225 544	224 819	223 674	224 216	223 170	221 640	220 079	219 171
1993	217 627	217 855	217 915	217 880	218 324	218 687	219 096	218 811	219 226	219 323	219 670	218 647
1994	220 133	220 874	220 993	221 592	223 150	223 922	225 809	227 216	227 265	228 376	229 990	231 910
1995	234 083	235 162	236 979	238 467	240 054	240 899	242 486	242 787	244 020	245 339	245 164	245 901
1996	248 138	248 425	248 648	248 611	248 323	248 055	248 695	249 690	250 333	251 558	252 831	251 477
1997	253 006	254 411	254 860	257 176	258 237	259 117	260 856	262 157	261 091	263 060	264 611	282 946
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	−.3	−.1	.3	.2	.2	.2	.6	.4	.7	.9	.7
1988	.6	.9	.5	.5	1.0	.6	.5	.7	1.0	.6	1.0	1.9
1989	1.3	.7	.9	.5	.7	.5	.9	.3	−.2	.3	.5	−.1
1990	1.1	−.1	−.3	.5	.3	−.3	.4	.1	.2	.3	.6	−.7
1991	−.2	−.1	−.5	−.4	−1.1	−.4	−.7	−.8	.3	−.5	−.3	−.3
1992	−.7	−.8	−.2	−.8	−.4	−.3	−.5	.2	−.5	−.7	−.7	−.4
1993	−.7	.1	–	–	.2	.2	.2	−.1	.2	–	.2	−.5
1994	.7	.3	.1	.3	.7	.3	.8	.6	–	.5	.7	.8
1995	.9	.5	.8	.6	.7	.4	.7	.1	.5	.5	−.1	.3
1996	.9	.1	.1	–	−.1	−.1	.3	.4	.3	.5	.5	−.5
1997	.6	.6	.2	.9	.4	.3	.7	.5	−.4	.8	.6	−.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	STONE, CLAY, AND GLASS PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 234	7 204	7 321	7 292	7 351	7 239	7 197	7 136	8 963	8 892	8 946	7 033
1988	7 135	7 297	7 308	7 353	7 499	7 294	7 358	7 266	7 218	7 240	7 249	7 377
1989	7 527	7 750	7 814	7 892	8 022	7 844	7 939	7 760	7 647	7 618	7 621	7 669
1990	7 748	7 922	7 901	7 972	7 937	7 864	7 886	7 812	7 768	7 858	7 905	8 071
1991	8 224	8 432	8 296	8 298	8 216	8 060	8 001	7 880	7 855	7 587	7 897	7 787
1992	7 842	8 087	8 002	8 040	8 067	7 997	7 981	7 977	7 814	7 720	7 841	7 846
1993	7 974	8 153	8 104	8 097	8 033	7 860	7 862	7 697	7 500	7 465	7 431	7 443
1994	7 676	7 819	7 818	7 795	7 771	7 532	7 645	7 531	7 434	7 433	7 494	7 688
1995	7 930	8 169	8 292	8 542	8 742	8 703	8 825	8 758	8 612	8 452	8 383	8 359
1996	8 569	8 808	8 823	8 827	8 779	8 674	8 631	8 600	8 467	8 434	8 458	8 879
1997	8 981	9 234	9 199	9 224	9 311	9 211	9 090	8 979	8 887	8 610	8 710	8 832
	Seasonally Adjusted—Millions of Dollars											
1987	7 288	7 093	7 157	7 116	7 148	7 139	7 119	7 183	7 139	7 124	7 154	7 154
1988	7 169	7 169	7 153	7 180	7 298	7 215	7 285	7 320	7 406	7 472	7 454	7 496
1989	7 546	7 591	7 658	7 709	7 820	7 779	7 874	7 821	7 850	7 854	7 828	7 792
1990	7 752	7 740	7 749	7 789	7 750	7 812	7 827	7 873	7 973	8 099	8 115	8 205
1991	8 221	8 223	8 137	8 106	8 034	8 009	7 943	7 936	7 855	7 821	7 907	7 928
1992	7 834	7 884	7 847	7 853	7 890	7 945	7 920	8 022	8 015	7 964	8 063	8 006
1993	7 971	7 955	7 942	7 905	7 850	7 800	7 795	7 727	7 685	7 711	7 666	7 807
1994	7 674	7 635	7 659	7 606	7 579	7 462	7 570	7 554	7 608	7 686	7 751	7 874
1995	7 934	7 984	8 118	8 329	8 512	8 610	8 738	8 783	8 807	8 748	8 694	8 587
1996	8 572	8 609	8 638	8 604	8 537	8 570	8 545	8 627	8 654	8 740	8 778	8 898
1997	8 987	9 019	9 003	8 989	9 049	9 093	9 006	9 009	9 065	8 933	9 042	9 050
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.7	−2.7	.9	−.6	.4	−.1	−.3	.9	−.6	−.2	.4	–
1988	.2	–	−.2	.4	1.6	−1.1	1.0	.5	1.2	.9	−.2	.6
1989	.7	.6	.9	.7	1.4	−.5	1.2	−.7	.4	.1	−.3	−.5
1990	−.5	−.2	.1	.5	−.5	.8	.2	.6	1.3	1.6	.2	1.1
1991	.2	–	−1.0	−.4	−.9	−.3	−.8	−.1	−1.0	−.4	1.1	.3
1992	−1.2	.6	−.5	.1	.5	.7	−.3	1.3	−.1	−.6	1.2	−.7
1993	−.4	−.2	−.2	−.5	−.7	−.6	−.1	−.9	−.5	.3	−.6	−.8
1994	.9	−.5	.3	−.7	−.4	−1.5	1.4	−.2	.7	1.0	.8	1.6
1995	.8	.6	1.7	2.6	2.2	1.2	1.5	.5	.3	−.7	−.6	−1.5
1996	.1	.4	.3	−.4	−.8	.4	−.3	1.0	.3	1.0	.4	1.4
1997	1.0	.4	−.2	−.2	.7	.5	−1.0	–	.6	−1.5	1.2	.1
	PRIMARY METAL INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	18 225	17 860	17 716	17 924	17 858	17 763	17 881	17 997	18 214	18 398	18 766	18 978
1988	19 484	19 862	19 979	20 284	20 542	20 357	20 704	21 014	21 412	21 731	22 025	22 377
1989	22 939	23 112	23 051	23 485	23 826	23 608	23 813	23 515	23 326	23 043	23 079	22 831
1990	22 911	22 854	22 174	22 380	22 383	22 331	22 575	22 721	22 901	22 729	22 634	22 591
1991	22 520	22 358	22 249	22 170	21 879	21 592	21 437	21 281	21 237	21 000	20 842	20 725
1992	20 409	20 244	20 238	20 376	20 371	20 271	20 376	20 580	20 551	20 233	20 011	19 967
1993	19 907	19 954	19 763	19 725	19 865	19 676	19 946	20 204	20 049	20 107	19 896	20 093
1994	20 203	20 372	20 315	20 505	20 715	20 718	21 299	21 410	21 428	21 852	22 171	22 555
1995	23 055	23 396	23 429	23 832	23 846	23 851	24 414	24 253	24 036	23 960	23 973	24 052
1996	24 190	24 133	24 159	24 048	24 002	23 922	24 012	23 862	24 004	23 829	23 977	24 385
1997	24 221	24 348	24 441	24 278	24 298	24 235	24 498	24 579	24 333	24 283	24 371	24 785
	Seasonally Adjusted—Millions of Dollars											
1987	18 236	17 889	17 788	17 834	17 713	17 738	17 823	17 998	18 231	18 484	18 817	19 076
1988	19 414	19 841	20 075	20 216	20 414	20 388	20 664	21 024	21 411	21 811	22 065	22 422
1989	22 829	23 059	23 199	23 453	23 717	23 697	23 786	23 497	23 281	23 088	23 108	22 838
1990	22 820	22 811	22 343	22 379	22 311	22 442	22 557	22 657	22 823	22 742	22 671	22 560
1991	22 481	22 325	22 426	22 176	21 836	21 712	21 401	21 178	21 159	20 993	20 897	20 703
1992	20 407	20 212	20 374	20 375	20 344	20 390	20 301	20 459	20 498	20 228	20 085	19 981
1993	19 914	19 917	19 865	19 710	19 844	19 792	19 823	20 084	20 031	20 125	19 989	20 132
1994	20 184	20 316	20 383	20 489	20 692	20 848	21 144	21 299	21 452	21 913	22 292	22 588
1995	23 009	23 308	23 475	23 816	23 814	23 999	24 253	24 162	24 095	24 076	24 104	24 021
1996	24 084	24 022	24 192	24 043	23 975	24 071	23 898	23 807	24 076	23 969	24 085	24 289
1997	24 089	24 228	24 472	24 277	24 278	24 384	24 423	24 544	24 398	24 439	24 474	24 680
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−1.1	−1.9	−.6	.3	−.7	.1	.5	1.0	1.3	1.4	1.8	1.4
1988	1.8	2.2	1.2	.7	1.0	−.1	1.4	1.7	1.8	1.9	1.2	1.6
1989	1.8	1.0	.6	1.1	1.1	−.1	.4	−1.2	−.9	−.8	.1	−1.2
1990	−.1	–	−2.1	.2	−.3	.6	.5	.4	.7	−.4	−.3	−.5
1991	−.4	−.7	.5	−1.1	−1.5	−.6	−1.4	−1.0	−.1	−.8	−.5	−.9
1992	−1.4	−1.0	.8	–	−.2	.2	−.4	.8	.2	−1.3	−.7	−.5
1993	−.3	–	−.3	−.8	.7	−.3	.2	1.3	−.3	.5	−.7	.7
1994	.3	.7	.3	.5	1.0	.8	1.4	.7	.7	2.1	1.7	1.3
1995	1.9	1.3	.7	1.5	–	.8	1.1	−.4	−.3	−.1	.1	−.3
1996	.3	−.3	.7	−.6	−.3	.4	−.7	−.4	1.1	−.4	.5	.8
1997	−.8	.6	1.0	−.8	–	.4	.2	.5	−.6	.2	.1	.8

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	BLAST FURNACES, STEEL MILLS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 446	8 136	7 921	7 949	8 048	8 061	8 151	8 245	8 339	8 513	8 668	8 872
1988	8 910	8 996	8 956	9 164	9 373	9 374	9 631	9 810	10 047	10 221	10 337	10 636
1989	10 691	10 714	10 755	10 918	11 091	11 050	11 286	11 270	11 240	11 179	11 304	11 157
1990	11 232	11 116	10 663	10 749	10 725	10 609	10 845	10 943	11 087	11 025	11 106	11 322
1991	11 136	10 880	10 810	10 715	10 825	10 444	10 540	10 488	10 519	10 349	10 358	10 504
1992	10 184	10 035	9 880	9 828	9 885	9 848	10 016	10 050	9 969	9 891	9 899	10 038
1993	9 921	9 827	9 475	9 392	9 504	9 409	9 780	9 731	9 874	9 780	9 865	10 034
1994	10 059	9 988	9 738	9 764	9 953	9 951	10 350	10 278	10 308	10 567	10 741	10 904
1995	11 024	11 150	10 950	11 201	11 269	11 311	11 678	11 620	11 574	11 552	11 552	11 806
1996	11 892	11 704	11 665	11 458	11 373	11 310	11 551	11 570	11 756	11 787	11 962	12 198
1997	11 976	11 848	11 750	11 644	11 749	11 579	11 713	11 740	11 731	11 720	11 631	12 017
	Seasonally Adjusted—Millions of Dollars											
1987	8 475	8 239	8 119	8 069	8 046	8 068	8 087	8 163	8 278	8 445	8 558	8 620
1988	8 867	9 074	9 165	9 298	9 387	9 433	9 591	9 764	9 981	10 160	10 218	10 495
1989	10 582	10 774	10 993	11 081	11 131	11 178	11 264	11 230	11 164	11 131	11 191	10 942
1990	11 092	11 154	10 888	10 909	10 787	10 778	10 838	10 906	11 017	10 994	11 002	11 045
1991	10 996	10 894	11 030	10 874	10 710	10 632	10 523	10 453	10 487	10 328	10 267	10 236
1992	10 057	10 012	10 064	9 978	9 981	10 036	9 972	10 021	9 942	9 872	9 819	9 809
1993	9 790	9 782	9 640	9 538	9 608	9 591	9 701	9 712	9 665	9 762	9 793	9 836
1994	9 904	9 924	9 893	9 918	10 066	10 145	10 258	10 265	10 313	10 552	10 664	10 897
1995	10 836	11 068	11 113	11 378	11 395	11 530	11 602	11 622	11 583	11 541	11 465	11 560
1996	11 671	11 620	11 827	11 637	11 498	11 529	11 524	11 579	11 758	11 780	11 887	11 912
1997	11 755	11 773	11 905	11 824	11 878	11 801	11 715	11 753	11 725	11 718	11 732	11 727
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.1	–2.8	–1.5	–.6	–.3	.3	.2	1.2	1.1	2.0	1.3	.7
1988	2.9	2.3	1.0	1.5	1.0	.5	1.7	1.8	2.2	1.8	.8	2.7
1989	.8	1.8	2.0	.8	.5	.4	.8	–.3	–.6	–.3	.5	–2.2
1990	1.4	.6	–2.4	.2	–1.1	–.1	.6	.8	1.0	–.2	.1	.4
1991	–.4	–.9	1.2	–1.4	–1.5	–.7	–1.0	–.7	.1	–1.3	–.8	–.3
1992	–1.7	–.4	.5	–.9	–	.8	–.6	.5	–.8	–.7	–.5	–.1
1993	–.2	–.1	–1.5	–1.1	.7	–.2	1.1	.1	–.5	1.0	.3	.4
1994	.7	.2	–.3	.3	1.5	.8	1.1	.1	.5	2.3	1.1	.3
1995	1.3	2.1	.4	2.4	.1	1.2	.6	.2	–.3	–.4	–.7	.8
1996	1.0	–.4	1.8	–1.6	–1.2	.3	–	.5	1.5	–	.9	.4
1997	–1.3	.2	1.1	–.7	.4	–.8	–.7	.3	–.2	–.1	.1	–
	IRON AND STEEL FOUNDRIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 170	1 208	1 237	1 282	1 276	1 252	1 232	1 176	1 193	1 193	1 212	1 238
1988	1 266	1 316	1 357	1 346	1 310	1 284	1 257	1 298	1 306	1 321	1 340	1 395
1989	1 487	1 535	1 574	1 528	1 476	1 492	1 502	1 463	1 430	1 413	1 407	1 439
1990	1 448	1 460	1 442	1 481	1 483	1 483	1 433	1 448	1 451	1 434	1 421	1 457
1991	1 512	1 515	1 501	1 523	1 507	1 494	1 440	1 442	1 438	1 432	1 438	1 397
1992	1 358	1 408	1 450	1 482	1 483	1 450	1 395	1 418	1 420	1 393	1 393	1 405
1993	1 376	1 422	1 420	1 404	1 394	1 352	1 301	1 320	1 306	1 304	1 288	1 292
1994	1 318	1 334	1 366	1 363	1 382	1 362	1 341	1 348	1 325	1 322	1 337	1 351
1995	1 378	1 398	1 443	1 466	1 485	1 489	1 495	1 465	1 458	1 489	1 478	1 494
1996	1 503	1 552	1 588	1 604	1 591	1 590	1 564	1 541	1 545	1 545	1 545	1 543
1997	1 558	1 610	1 637	1 641	1 640	1 818	1 562	1 532	1 541	1 524	1 520	1 523
	Seasonally Adjusted—Millions of Dollars											
1987	1 169	1 171	1 177	1 221	1 235	1 242	1 252	1 209	1 229	1 241	1 282	1 263
1988	1 259	1 276	1 297	1 288	1 272	1 275	1 278	1 330	1 343	1 370	1 393	1 418
1989	1 475	1 493	1 514	1 469	1 437	1 480	1 529	1 492	1 465	1 458	1 459	1 461
1990	1 436	1 425	1 396	1 431	1 448	1 469	1 461	1 469	1 480	1 472	1 469	1 479
1991	1 503	1 486	1 461	1 478	1 470	1 478	1 466	1 458	1 460	1 485	1 482	1 418
1992	1 354	1 388	1 417	1 440	1 425	1 431	1 420	1 431	1 440	1 420	1 432	1 428
1993	1 379	1 409	1 388	1 364	1 357	1 332	1 321	1 331	1 325	1 329	1 320	1 318
1994	1 326	1 323	1 333	1 324	1 343	1 341	1 357	1 361	1 347	1 347	1 371	1 378
1995	1 390	1 387	1 406	1 423	1 442	1 464	1 508	1 482	1 485	1 520	1 513	1 528
1996	1 518	1 537	1 545	1 555	1 545	1 562	1 575	1 564	1 576	1 578	1 585	1 578
1997	1 573	1 591	1 591	1 588	1 594	1 587	1 573	1 558	1 572	1 559	1 560	1 557
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.4	.2	.5	3.7	1.1	.6	.8	–3.4	1.7	1.0	1.7	.1
1988	–.3	1.4	1.6	–.7	–1.2	.2	.2	4.1	1.0	2.0	1.7	1.8
1989	4.0	1.2	1.4	–3.0	–2.2	3.0	3.3	–2.4	–1.8	–.5	.1	.1
1990	–1.7	–.8	–2.0	2.5	1.0	1.8	–.5	.5	.7	–.5	–.2	.7
1991	1.6	–1.1	–1.7	1.0	–.4	.5	–.7	–.7	.1	.3	1.2	–4.3
1992	–4.5	2.5	2.1	1.6	–1.0	.4	–.8	.8	.6	–1.4	.8	–.3
1993	–3.4	2.2	–1.5	–1.7	–.5	–1.8	–.8	.8	–.5	.3	–.7	–.3
1994	.8	–.2	.8	–.7	1.4	–.1	1.2	.3	–1.0	–	1.8	.5
1995	.9	–.2	1.4	1.2	1.3	1.5	3.0	–1.7	.2	2.4	–.5	.9
1996	–.5	1.3	.5	.6	–.6	1.1	.8	–.7	.8	.1	.4	–.4
1997	–.3	1.1	–	–.2	.4	–.4	–.9	–1.0	.9	–.8	.1	–.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONFERROUS AND OTHER PRIMARY METALS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 609	8 516	8 558	8 693	8 534	8 450	8 498	8 576	8 882	8 892	8 888	9 068
1988	9 308	9 550	9 666	9 774	9 859	9 899	9 816	9 906	10 059	10 189	10 348	10 346
1989	10 761	10 863	10 722	11 041	11 259	11 068	11 025	10 782	10 658	10 451	10 368	10 235
1990	10 231	10 278	10 069	10 150	10 175	10 239	10 297	10 330	10 363	10 270	10 107	9 812
1991	9 872	9 963	9 938	9 932	9 747	9 654	9 457	9 351	9 280	9 219	9 048	8 824
1992	8 867	8 801	8 908	9 066	9 023	8 973	8 965	9 112	9 162	8 949	8 719	8 524
1993	8 610	8 705	8 868	8 929	8 967	8 915	8 865	9 153	9 069	9 023	8 745	8 767
1994	8 826	9 050	9 213	9 378	9 380	9 405	9 808	9 786	9 795	9 963	10 093	10 300
1995	10 653	10 848	11 038	11 165	11 092	11 051	11 243	11 168	11 004	10 919	10 945	10 752
1996	10 795	10 877	10 906	10 988	11 038	11 022	10 897	10 751	10 703	10 517	10 470	10 644
1997	10 687	10 890	11 054	10 993	10 909	11 040	11 223	11 307	11 061	11 039	11 020	11 245
	Seasonally Adjusted—Millions of Dollars											
1987	8 592	8 479	8 492	8 544	8 432	8 428	8 484	8 606	8 728	8 798	8 997	9 193
1988	9 288	9 491	9 813	9 630	9 755	9 680	9 795	9 930	10 087	10 281	10 454	10 509
1989	10 772	10 792	10 692	10 903	11 149	11 039	10 993	10 775	10 652	10 499	10 458	10 435
1990	10 292	10 232	10 059	10 039	10 078	10 197	10 258	10 282	10 328	10 278	10 200	10 036
1991	9 982	9 945	9 935	9 826	9 856	9 602	9 410	9 267	9 232	9 202	9 148	9 049
1992	8 996	8 812	8 893	8 957	8 938	8 923	8 909	9 007	9 118	8 936	8 834	8 744
1993	8 745	8 728	8 837	8 808	8 879	8 889	8 801	9 041	9 041	9 034	8 878	8 980
1994	8 954	9 069	9 157	9 247	9 283	9 362	9 529	9 873	9 792	10 014	10 257	10 513
1995	10 783	10 853	10 956	11 015	10 977	11 005	11 143	11 058	11 027	11 015	11 126	10 935
1996	10 895	10 865	10 820	10 851	10 932	10 980	10 799	10 664	10 742	10 631	10 633	10 799
1997	10 761	10 864	10 978	10 865	10 808	10 996	11 135	11 233	11 101	11 162	11 182	11 396
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−1.1	−1.3	.2	.6	−1.3	–	.7	1.4	1.4	.8	2.3	2.2
1988	1.0	2.2	1.3	.2	1.3	−.8	1.2	1.4	1.8	1.9	1.7	.5
1989	2.5	.2	−.9	2.0	2.3	−1.0	−.4	−2.0	−1.1	−1.4	−.4	−.2
1990	−1.4	−.8	−1.7	−.2	.4	1.2	.8	.2	.4	−.5	−.7	−1.6
1991	−.5	−.4	−.1	−1.1	−1.7	−.6	−2.0	−1.5	−.4	−.3	−.6	−1.1
1992	−.8	−2.0	.9	.7	−.2	−.2	−.2	1.1	1.2	−2.0	−1.1	−1.0
1993	–	−.2	1.3	−.3	.8	−.1	−.8	2.7	–	−.1	−1.7	1.2
1994	−.3	1.3	1.0	1.0	.4	.9	1.8	1.5	1.2	2.3	2.4	2.5
1995	2.6	.6	.9	.5	−.3	.3	1.3	−.8	−.3	−.1	1.0	−1.7
1996	−.4	−.3	−.4	.3	.7	.4	−1.6	−1.3	.7	−1.0	–	1.6
1997	−.4	1.0	1.0	−1.0	−.5	1.7	1.3	.9	−1.2	.5	.2	1.9
	FABRICATED METAL PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	22 058	22 221	22 533	22 485	22 432	22 405	22 229	22 165	22 311	22 404	22 433	22 555
1988	23 147	23 526	23 550	24 010	24 093	23 940	23 772	24 123	24 392	24 349	24 492	24 532
1989	25 239	25 349	25 812	25 930	25 947	25 661	25 913	25 923	25 662	25 519	25 506	24 988
1990	26 046	28 018	25 850	25 886	25 699	25 295	25 208	25 190	24 952	25 175	25 034	24 585
1991	25 034	25 422	25 176	25 031	24 671	24 349	23 895	23 884	23 738	23 777	23 932	23 477
1992	24 207	24 190	24 230	24 290	24 533	24 370	24 484	24 480	24 162	23 958	23 831	23 372
1993	23 630	23 825	24 075	23 965	24 032	23 911	23 893	24 069	23 904	23 733	23 535	23 402
1994	23 821	24 187	23 994	24 124	24 340	24 474	25 019	25 061	24 751	24 771	24 925	25 127
1995	25 811	28 387	27 011	27 369	27 635	27 788	27 820	27 643	27 133	26 979	26 810	26 507
1996	28 959	27 506	27 479	27 534	27 483	27 273	27 602	27 646	27 319	27 289	27 330	27 384
1997	27 985	28 445	28 840	29 088	29 131	29 338	29 312	29 175	29 131	29 111	29 163	29 046
	Seasonally Adjusted—Millions of Dollars											
1987	22 096	22 154	22 304	22 200	22 140	22 141	22 217	22 302	22 495	22 645	22 698	22 920
1988	23 153	23 443	23 310	23 718	23 782	23 720	23 767	24 232	24 572	24 582	24 741	24 950
1989	25 224	25 232	25 549	25 622	25 621	25 474	25 907	26 013	25 869	25 749	25 756	25 427
1990	28 043	25 880	25 612	25 622	25 394	25 113	25 169	25 234	25 145	25 390	25 283	25 044
1991	25 041	25 258	24 939	24 785	24 375	24 155	23 819	23 887	23 941	24 014	24 216	23 922
1992	24 237	24 057	24 019	24 046	24 257	24 142	24 370	24 458	24 369	24 221	24 142	23 815
1993	23 682	23 888	23 870	23 718	23 762	23 665	23 739	24 012	24 099	24 010	23 878	23 838
1994	23 905	24 077	23 802	23 864	24 057	24 198	24 831	24 994	24 944	25 095	25 308	25 597
1995	25 917	28 269	26 774	27 031	27 288	27 464	27 590	27 579	27 366	27 356	27 246	27 003
1996	27 092	27 388	27 236	27 188	27 132	26 958	27 378	27 592	27 528	27 643	27 746	27 894
1997	28 124	28 340	28 595	28 747	28 771	29 012	29 089	29 132	29 360	29 480	29 590	29 579
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–	.3	.7	−.5	−.3	–	.3	.4	.9	.7	.2	1.0
1988	1.0	1.3	−.6	1.7	.3	−.3	.2	2.0	1.4	–	.6	.8
1989	1.1	–	1.3	.3	–	−.6	1.7	.4	−.6	−.5	–	−1.3
1990	2.4	−.6	−1.0	–	−.9	−1.1	.2	.3	−.4	1.0	−.4	−.9
1991	–	.9	−1.3	−.7	−1.6	−.9	−1.4	.3	.2	.3	.8	−1.2
1992	1.3	−.7	−.2	.1	.9	−.5	.9	.4	−.4	−.6	−.3	−1.4
1993	−.8	–	.8	−.6	.2	−.4	.3	1.2	.4	−.4	−.5	−.2
1994	.3	.7	−1.1	.3	.8	.6	2.6	.7	−.2	.6	.8	1.1
1995	1.3	1.4	1.9	1.0	.9	.7	.5	–	−.8	–	−.4	−.9
1996	.3	1.1	−.5	−.2	−.2	−.8	1.6	.8	−.2	.4	.4	.5
1997	.8	.8	.9	.5	.1	.8	.3	.1	.8	.4	.4	–

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	41 891	42 375	42 115	42 621	42 712	42 195	42 199	42 457	41 667	42 267	42 611	42 279
1988	43 149	44 027	44 161	44 634	45 175	45 032	45 627	46 225	46 280	46 670	47 111	46 686
1989	48 286	48 921	48 805	49 130	49 546	49 339	49 941	50 345	49 907	50 342	50 622	49 197
1990	50 337	50 994	50 064	50 575	50 875	49 726	50 043	50 206	49 777	50 041	50 186	48 425
1991	49 606	50 570	49 860	50 296	50 307	48 838	49 185	49 228	48 639	48 791	48 491	46 514
1992	47 340	47 542	46 785	47 071	47 494	46 287	46 887	47 627	47 248	47 592	47 976	45 688
1993	46 337	46 785	45 703	46 474	46 994	46 403	47 225	47 978	47 575	48 526	48 759	47 092
1994	48 960	49 949	49 447	50 391	51 108	50 538	51 546	52 744	51 874	52 624	53 280	51 189
1995	54 252	55 421	54 521	55 554	56 812	55 734	56 841	57 798	57 210	58 140	59 317	57 108
1996	59 755	60 886	59 046	60 313	60 766	58 232	59 434	60 212	58 433	58 881	59 551	55 912
1997	58 114	59 385	57 862	59 610	60 493	58 751	60 074	60 720	59 209	60 162	60 754	58 164
	Seasonally Adjusted—Millions of Dollars											
1987	42 086	42 066	42 017	42 262	42 263	42 258	42 143	42 275	41 936	42 349	42 612	43 141
1988	43 331	43 653	44 094	44 271	44 701	45 192	45 574	46 013	46 542	46 678	47 009	47 707
1989	48 479	48 476	48 806	48 787	49 022	49 641	49 902	50 072	50 106	50 255	50 415	50 342
1990	50 506	50 512	50 157	50 287	50 340	50 144	50 030	49 865	49 895	49 836	49 874	49 673
1991	49 786	50 115	50 073	50 085	49 775	49 313	49 160	48 782	48 699	48 470	48 092	47 880
1992	47 542	47 125	47 173	46 946	46 961	46 787	46 849	47 109	47 358	47 192	47 433	47 075
1993	46 516	46 337	46 134	46 369	46 417	46 910	47 149	47 361	47 734	48 128	48 143	48 602
1994	49 144	49 421	50 073	50 294	50 406	51 133	51 409	51 982	52 133	52 264	52 604	52 905
1995	54 465	54 735	55 193	55 376	55 969	58 376	56 663	56 950	57 567	57 843	58 577	59 158
1996	60 045	60 046	59 851	60 061	59 749	58 917	59 172	59 309	58 849	58 708	58 884	57 944
1997	58 425	58 512	58 503	59 268	59 462	59 426	59 808	59 842	59 658	60 075	60 093	60 304
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.8	–	–.1	.6	–	–	–.3	.3	–.8	1.0	.6	1.2
1988	.4	.7	1.0	.4	1.0	1.1	.8	1.0	1.1	.3	.7	1.5
1989	1.6	–	.7	–	.5	1.3	.5	.3	.1	.3	.3	–.1
1990	.3	–	–.7	.3	.1	–.4	–.2	–.3	.1	–.1	.1	–.4
1991	.2	.7	–.1	–	–.6	–.9	–.3	–.8	–.2	–.5	–.8	–.4
1992	–.7	–.9	.1	–.5	–	–.4	.1	.6	.5	–.4	.5	–.8
1993	–1.2	–.4	–.4	.5	.1	1.1	.5	.4	.8	.8	–	1.0
1994	1.1	.6	1.3	.4	.2	1.4	.5	1.1	.3	.3	.7	.6
1995	2.9	.5	.8	.3	1.1	.7	.5	.5	1.1	.5	1.3	1.0
1996	1.5	–	–.3	.4	–.5	–1.4	.4	.2	–.8	–.2	.3	–1.6
1997	.8	.1	–	1.3	.3	–.1	.6	.1	–.3	.7	–	.4
	ENGINES AND TURBINES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 553	2 647	2 669	2 746	2 779	2 801	2 849	2 818	2 809	2 889	2 879	2 656
1988	2 757	2 907	2 934	3 020	3 115	3 197	3 258	3 332	3 389	3 518	3 589	3 122
1989	3 291	3 390	3 384	3 474	3 521	3 576	3 682	3 688	3 563	3 629	3 630	3 012
1990	3 165	3 262	3 324	3 406	3 471	3 447	3 536	3 595	3 556	3 716	3 787	3 316
1991	3 462	3 610	3 584	3 664	3 708	3 589	3 647	3 679	3 580	3 693	3 628	3 292
1992	3 370	3 467	3 382	3 464	3 450	3 273	3 417	3 557	3 336	3 530	3 539	2 999
1993	3 168	3 285	3 294	3 497	3 549	3 488	3 611	3 805	3 603	3 810	3 852	3 222
1994	3 447	3 565	3 584	3 771	3 943	3 745	3 879	4 102	4 069	4 079	4 115	3 707
1995	3 810	3 874	4 013	3 883	3 957	3 959	4 029	4 127	3 945	3 959	3 919	3 534
1996	3 582	3 612	3 527	3 621	3 748	3 660	3 834	4 042	3 891	4 019	4 171	3 680
1997	3 660	3 781	3 688	3 842	3 866	3 721	3 905	4 085	4 048	4 206	4 356	3 872
	Seasonally Adjusted—Millions of Dollars											
1987	2 680	2 704	2 726	2 752	2 741	2 778	2 777	2 729	2 766	2 786	2 768	2 880
1988	2 912	2 972	2 994	3 021	3 080	3 176	3 177	3 231	3 332	3 380	3 438	3 391
1989	3 476	3 459	3 452	3 469	3 483	3 562	3 597	3 570	3 513	3 485	3 468	3 267
1990	3 338	3 323	3 395	3 395	3 431	3 443	3 463	3 468	3 515	3 557	3 604	3 640
1991	3 661	3 692	3 681	3 650	3 652	3 597	3 570	3 512	3 540	3 516	3 435	3 658
1992	3 553	3 542	3 479	3 448	3 393	3 296	3 353	3 381	3 309	3 369	3 355	3 307
1993	3 335	3 361	3 395	3 488	3 489	3 526	3 546	3 599	3 570	3 639	3 649	3 521
1994	3 622	3 657	3 700	3 772	3 882	3 798	3 816	3 878	4 023	3 904	3 906	4 001
1995	3 996	3 971	4 143	3 901	3 916	4 024	3 980	3 921	3 892	3 802	3 729	3 770
1996	3 743	3 687	3 638	3 649	3 715	3 725	3 780	3 839	3 827	3 858	3 961	3 935
1997	3 832	3 849	3 811	3 878	3 832	3 788	3 847	3 885	3 977	4 036	4 131	4 175
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.9	.9	.8	1.0	–.4	1.3	–	–1.7	1.4	.7	–.6	4.0
1988	1.1	2.1	.7	.9	2.0	3.1	–	1.7	3.1	1.4	1.7	–1.4
1989	2.5	–.5	–.2	.5	.4	2.3	1.0	–.8	–1.6	–.8	–.5	–5.8
1990	2.2	–.4	2.2	–	1.1	.3	.6	.1	1.4	1.2	1.3	1.0
1991	.6	.8	–.3	–.8	.1	–1.5	–.8	–1.6	.8	–.7	–2.3	6.5
1992	–2.9	–.3	–1.8	–.9	–1.6	–2.9	1.7	.8	–2.1	1.8	–.4	–1.4
1993	.8	.8	1.0	2.7	–	1.1	.6	1.5	–.8	1.9	.3	–3.5
1994	2.9	1.0	1.2	1.9	2.9	–2.2	.5	1.6	3.7	–3.0	.1	2.4
1995	–.1	–.6	4.3	–5.8	.4	2.8	–1.1	–1.5	–.7	–2.3	–1.9	1.1
1996	–.7	–1.5	–1.3	.3	1.8	.3	1.5	1.6	–.3	.8	2.7	–.7
1997	–2.6	.4	–1.0	1.8	–1.2	–1.1	1.6	1.0	2.4	1.5	2.4	1.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	FARM AND GARDEN MACHINERY—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 183	2 253	2 267	2 174	2 152	2 048	2 019	2 025	2 019	2 093	2 099	2 278
1988	2 371	2 409	2 446	2 384	2 358	2 367	2 347	2 454	2 487	2 510	2 576	2 612
1989	2 739	2 763	2 765	2 667	2 618	2 618	2 472	2 457	2 439	2 387	2 448	2 576
1990	2 605	2 679	2 700	2 641	2 625	2 600	2 565	2 585	2 636	2 588	2 669	2 628
1991	2 681	2 770	2 723	2 574	2 541	2 396	2 298	2 331	2 328	2 318	2 332	2 321
1992	2 395	2 417	2 332	2 210	2 210	2 203	2 152	2 181	2 248	2 234	2 392	2 399
1993	2 461	2 463	2 435	2 185	2 074	2 042	2 046	2 135	2 230	2 330	2 632	2 640
1994	2 731	2 722	2 575	2 444	2 334	2 388	2 414	2 500	2 608	2 654	2 872	3 054
1995	3 179	3 218	3 104	2 881	2 777	2 717	2 643	2 682	2 709	2 688	3 075	3 165
1996	3 341	3 374	3 289	3 175	3 042	2 996	2 937	2 986	2 981	2 994	3 008	3 339
1997	3 590	3 718	3 536	3 425	3 362	3 348	3 308	3 286	3 235	3 358	3 488	3 735
	Seasonally Adjusted—Millions of Dollars											
1987	2 127	2 132	2 152	2 134	2 145	2 087	2 099	2 086	2 083	2 174	2 142	2 250
1988	2 297	2 278	2 314	2 342	2 350	2 421	2 450	2 541	2 572	2 602	2 620	2 570
1989	2 638	2 606	2 617	2 628	2 617	2 687	2 597	2 555	2 519	2 472	2 470	2 529
1990	2 491	2 519	2 555	2 616	2 638	2 684	2 713	2 700	2 722	2 677	2 670	2 562
1991	2 542	2 587	2 579	2 568	2 572	2 493	2 448	2 449	2 406	2 397	2 313	2 243
1992	2 248	2 239	2 210	2 220	2 251	2 313	2 311	2 307	2 334	2 313	2 353	2 297
1993	2 283	2 263	2 307	2 202	2 127	2 158	2 210	2 270	2 329	2 423	2 577	2 514
1994	2 509	2 483	2 435	2 462	2 406	2 531	2 612	2 667	2 745	2 777	2 812	2 902
1995	2 903	2 920	2 933	2 890	2 868	2 876	2 854	2 866	2 870	2 832	3 021	3 014
1996	3 046	3 050	3 102	3 168	3 138	3 158	3 160	3 191	3 177	3 170	2 969	3 196
1997	3 275	3 354	3 329	3 400	3 461	3 511	3 547	3 508	3 459	3 567	3 458	3 592
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.3	.2	.9	–.8	.5	–2.7	.6	–.6	–.1	4.4	–1.5	5.0
1988	2.1	–.8	1.6	1.2	.3	3.0	1.2	3.7	1.2	1.2	.7	–1.9
1989	2.6	–1.2	.4	.4	–.4	2.7	–3.3	–1.6	–1.4	–1.9	–.1	2.4
1990	–1.5	1.1	1.4	2.4	.8	1.7	1.1	–.5	.8	–1.7	–.3	–4.0
1991	–.8	1.8	–.3	–.4	.2	–3.1	–1.8	–	–1.8	–.4	–3.5	–3.0
1992	.2	–.4	–1.3	.5	1.4	2.8	–.1	–.2	1.2	–.9	1.7	–2.4
1993	–.6	–.9	1.9	–4.6	–3.4	1.5	2.4	2.7	2.6	4.0	6.4	–2.4
1994	–.2	–1.0	–1.9	1.1	–2.3	5.2	3.2	2.1	2.9	1.2	1.3	3.2
1995	–	.6	.4	–1.5	–.8	.3	–.8	.4	.1	–1.3	6.7	–.2
1996	1.1	.1	1.7	2.1	–.9	.6	.1	1.0	–.4	–.2	–6.3	7.6
1997	2.5	2.4	–.7	2.1	1.8	1.4	1.0	–1.1	–1.4	3.1	–3.1	3.9
	CONSTRUCTION, MINING, AND MATERIAL HANDLING EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 569	6 618	6 482	6 427	6 320	6 177	6 095	6 285	6 063	6 066	6 089	6 122
1988	6 338	6 346	6 420	6 425	6 454	8 363	6 372	6 460	6 410	6 518	6 525	6 639
1989	6 732	6 862	6 755	6 816	6 816	6 856	6 756	6 765	6 736	6 712	6 683	6 645
1990	6 846	6 925	6 825	6 877	6 861	6 810	6 688	6 729	6 742	6 768	6 767	6 865
1991	7 133	7 216	7 122	7 206	7 191	7 083	6 955	6 914	6 803	6 726	6 569	6 417
1992	6 427	6 430	6 395	6 329	6 309	6 269	6 181	6 178	6 218	6 101	6 197	6 141
1993	6 319	6 409	6 456	6 422	6 392	6 388	6 259	6 272	6 271	6 241	6 194	6 080
1994	6 256	6 266	6 393	6 422	6 430	6 407	6 368	6 414	6 453	6 522	6 707	6 610
1995	6 824	7 010	7 148	7 169	7 277	7 203	7 111	7 147	7 206	7 250	7 257	7 126
1996	7 349	7 526	7 436	7 471	7 503	7 409	7 300	7 369	7 346	7 501	7 587	7 344
1997	7 571	7 658	7 631	7 710	7 735	7 751	7 752	7 804	7 828	7 901	7 998	7 970
	Seasonally Adjusted—Millions of Dollars											
1987	6 562	6 538	6 416	8 365	6 255	6 199	6 174	6 302	6 104	6 095	6 139	6 173
1988	6 327	6 261	6 358	6 356	8 387	6 368	6 440	6 483	6 459	6 558	6 595	6 714
1989	6 717	6 763	6 690	8 733	6 739	6 844	6 817	6 795	6 793	6 761	6 768	6 739
1990	6 829	6 820	6 754	6 786	6 780	6 781	6 746	6 764	6 799	6 825	6 860	6 984
1991	7 113	7 106	7 036	7 107	7 103	7 041	7 014	6 956	6 857	6 788	6 659	6 546
1992	6 411	6 330	6 304	6 241	6 229	6 229	6 234	6 222	6 266	6 158	6 275	6 280
1993	6 305	6 308	6 354	8 333	6 306	6 351	6 317	6 320	6 323	6 295	6 259	6 227
1994	6 244	6 167	6 289	6 332	6 340	6 372	6 432	6 466	6 511	6 572	6 763	6 775
1995	6 814	6 900	7 037	7 065	7 172	7 168	7 187	7 206	7 279	7 300	7 303	7 303
1996	7 340	7 408	7 329	7 362	7 392	7 378	7 377	7 431	7 426	7 550	7 626	7 523
1997	7 563	7 537	7 530	7 597	7 621	7 721	7 828	7 871	7 919	7 954	8 033	8 160
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–.4	–1.9	–.8	–1.7	–.9	–.4	2.1	–3.1	–.1	.7	.6
1988	2.5	–1.0	1.5	–	.5	–.3	1.1	.7	–.4	1.5	.6	1.8
1989	–	.7	–1.1	.6	.1	1.6	–.4	–.3	–	–.5	.1	–.4
1990	1.3	–.1	–1.0	.5	–.1	–	–.5	.3	.5	.4	.5	1.8
1991	1.8	–.1	–1.0	1.0	–.1	–.9	–.4	–.8	–1.4	–1.0	–1.9	–1.7
1992	–2.1	–1.3	–.4	–1.0	–.2	–	.1	–.2	.7	–1.7	1.9	.1
1993	.4	–	.7	–.3	–.4	.7	–.5	–	–	–.4	–.6	–.5
1994	.3	–1.2	2.0	.7	.1	.5	.9	.5	.7	.9	2.9	.2
1995	.6	1.3	2.0	.4	1.5	–.1	.3	.3	1.0	.3	–	–
1996	.5	.9	–1.1	.5	.4	–.2	–	.7	–.1	1.7	1.0	–1.4
1997	.5	–.3	–.1	.9	.3	1.3	1.4	.5	.6	.4	1.0	1.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	METALWORKING MACHINERY—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 886	4 911	4 907	4 976	4 927	4 919	4 879	4 867	4 815	4 815	4 791	4 743
1988	4 789	4 821	4 811	4 906	4 929	4 917	5 019	5 113	5 111	5 026	5 075	5 048
1989	5 278	5 407	5 379	5 506	5 642	5 589	5 693	5 758	5 738	5 868	5 736	5 608
1990	5 673	5 726	5 677	5 823	5 860	5 671	5 742	5 835	5 827	5 947	5 890	5 622
1991	5 684	5 698	5 664	5 737	5 716	5 494	5 511	5 550	5 419	5 364	5 354	5 130
1992	5 266	5 297	5 322	5 364	5 369	5 309	5 489	5 552	5 533	5 498	5 415	5 140
1993	5 219	5 378	5 255	5 352	5 353	5 354	5 403	5 513	5 438	5 492	5 501	5 310
1994	5 462	5 592	5 495	5 759	5 773	5 855	6 067	6 250	6 040	6 030	6 024	5 855
1995	6 134	6 245	6 261	6 439	6 571	6 567	6 858	6 985	6 943	6 900	6 866	6 585
1996	7 069	7 157	7 039	7 139	7 324	7 191	7 384	7 559	7 387	7 347	7 258	8 730
1997	7 033	7 298	7 350	7 604	7 649	7 377	7 578	7 640	7 332	7 412	7 249	8 901
	Seasonally Adjusted—Millions of Dollars											
1987	4 916	4 905	4 923	4 935	4 885	4 917	4 859	4 818	4 799	4 813	4 810	4 853
1988	4 819	4 815	4 836	4 864	4 879	4 931	4 999	5 053	5 090	5 011	5 086	5 174
1989	5 317	5 408	5 415	5 459	5 578	5 624	5 667	5 677	5 702	5 835	5 735	5 768
1990	5 728	5 733	5 725	5 778	5 793	5 715	5 708	5 736	5 780	5 899	5 876	5 802
1991	5 754	5 710	5 724	5 698	5 659	5 539	5 463	5 435	5 365	5 313	5 335	5 316
1992	5 347	5 313	5 389	5 332	5 324	5 343	5 420	5 413	5 469	5 446	5 401	5 351
1993	5 310	5 396	5 330	5 326	5 314	5 377	5 310	5 351	5 366	5 445	5 502	5 560
1994	5 569	5 609	5 578	5 735	5 722	5 868	5 940	6 044	5 958	5 984	6 046	6 183
1995	6 269	6 261	6 356	6 408	6 491	6 575	6 696	6 736	6 855	6 852	6 912	6 963
1996	7 244	7 177	7 136	7 088	7 203	7 199	7 202	7 281	7 306	7 300	7 321	7 142
1997	7 222	7 317	7 437	7 534	7 497	7 387	7 391	7 357	7 262	7 365	7 318	7 339
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.3	–.2	.4	.2	–1.0	.7	–1.2	–.8	–.4	.3	–.1	.9
1988	–.7	–.1	.4	.6	.3	1.1	1.4	1.1	.7	–1.6	1.5	1.7
1989	2.8	1.7	.1	.8	2.2	.8	.8	.2	.4	2.3	–1.7	.8
1990	–.7	.1	–.1	.9	.3	–1.3	–.1	.5	.8	2.1	–.4	–1.3
1991	–.8	–.8	.2	–.5	–.7	–2.1	–1.4	–.5	–1.3	–1.0	.4	–.4
1992	.6	–.6	1.4	–1.1	–.2	.4	1.4	–.1	1.0	–.4	–.8	–.9
1993	–.8	1.6	–1.2	–.1	–.2	1.2	–1.2	.8	.3	1.5	1.0	1.1
1994	.2	.7	–.6	2.8	–.2	2.6	1.2	1.8	–1.4	.4	1.0	1.9
1995	1.7	–.1	1.5	.8	1.3	1.3	1.8	.6	1.8	–	.9	.7
1996	4.0	–.9	–.6	–.7	1.6	–.1	–	1.1	.3	–.1	.3	–2.4
1997	1.1	1.3	1.6	1.3	–.5	–1.5	.1	–.5	–1.3	1.4	–.6	.3
	COMPUTER AND OFFICE EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	9 468	9 578	9 431	9 700	9 944	9 682	9 766	9 939	9 552	9 782	9 893	9 856
1988	9 954	10 260	10 245	10 527	10 743	10 749	11 083	11 251	11 142	11 401	11 407	11 275
1989	11 582	11 708	11 502	11 650	11 710	11 428	11 980	12 088	11 784	11 989	12 385	11 833
1990	11 804	11 955	11 519	11 975	12 164	11 425	11 872	12 103	11 736	11 620	11 493	10 682
1991	10 952	11 273	10 882	11 183	11 412	10 723	11 399	11 454	11 392	11 495	11 527	10 884
1992	11 032	10 966	10 683	10 898	11 182	10 418	10 884	11 312	11 036	11 397	11 498	10 352
1993	10 389	10 298	9 548	10 072	10 595	10 164	10 980	11 114	10 984	11 188	11 071	10 473
1994	11 141	11 574	11 110	11 672	12 016	11 631	12 197	12 554	11 513	11 985	11 966	10 840
1995	12 222	12 291	11 070	11 747	12 410	11 698	12 467	12 922	12 397	13 284	13 769	12 630
1996	13 678	13 961	12 568	13 472	13 564	11 938	12 738	12 862	11 710	11 849	11 996	10 277
1997	10 945	11 488	10 433	11 225	11 798	10 798	11 703	11 855	10 862	11 093	11 251	9 889
	Seasonally Adjusted—Millions of Dollars											
1987	9 623	9 586	9 550	9 617	9 793	9 747	9 645	9 735	9 623	9 721	9 852	10 079
1988	10 098	10 247	10 409	10 464	10 586	10 900	10 951	11 003	11 185	11 302	11 280	11 550
1989	11 736	11 689	11 742	11 625	11 541	11 684	11 838	11 788	11 769	11 820	12 183	12 183
1990	11 950	11 945	11 842	12 004	11 984	11 770	11 707	11 766	11 859	11 390	11 224	11 032
1991	11 087	11 280	11 269	11 251	11 228	11 096	11 220	11 081	11 295	11 205	11 223	11 112
1992	11 171	10 973	11 170	11 020	10 975	10 803	10 684	10 889	10 980	11 042	11 087	10 837
1993	10 514	10 284	10 086	10 206	10 359	10 528	10 758	10 642	10 986	10 825	10 649	11 048
1994	11 273	11 507	11 827	11 831	11 692	12 032	11 899	11 969	11 587	11 624	11 499	11 303
1995	12 384	12 159	11 848	11 877	12 012	12 100	12 121	12 258	12 544	12 935	13 219	13 517
1996	13 907	13 748	13 499	13 574	13 057	12 360	12 334	12 160	11 879	11 584	11 518	11 065
1997	11 178	11 289	11 219	11 267	11 307	11 195	11 298	11 173	11 023	10 876	10 795	10 873
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.7	–.4	–.4	.7	1.8	–.5	–1.0	.9	–1.2	1.0	1.3	2.3
1988	.2	1.5	1.8	.5	1.2	3.0	.5	.5	1.7	1.0	–.2	2.4
1989	1.6	–.4	.5	–1.0	–.7	1.2	1.3	–.4	–.2	.4	2.9	–
1990	–1.8	–	–.9	1.4	–.2	–1.8	–.5	.5	–.9	–2.3	–1.5	–1.7
1991	.5	1.7	–.1	–.2	–.2	–1.2	1.1	–1.2	1.9	–.8	.2	–1.0
1992	.5	–1.8	1.8	–1.3	–.4	–1.8	–1.1	1.9	.8	.8	.4	–2.3
1993	–3.0	–2.2	–1.9	1.2	1.5	1.6	2.2	–1.1	3.2	–1.5	–1.8	3.7
1994	2.1	2.1	2.8	–	–1.2	2.9	–1.1	.8	–3.2	.3	–1.1	–1.7
1995	9.6	–1.8	–2.6	.3	1.1	.7	.2	1.1	2.3	3.1	2.2	2.3
1996	2.9	–1.1	–1.8	.6	–3.8	–5.3	–.2	–1.4	–2.3	–2.5	–.6	–3.9
1997	1.0	1.0	–.8	.4	.4	–1.0	.9	–1.1	–1.3	–1.3	–.7	–1.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	28 293	28 578	28 830	29 214	29 577	29 483	29 328	29 313	29 116	29 262	29 220	29 087
1988	29 349	29 769	29 938	30 284	30 596	30 596	30 560	30 784	30 490	30 702	31 023	30 812
1989	31 364	32 170	32 173	32 875	33 121	32 724	33 046	33 388	32 801	33 122	32 988	32 689
1990	33 219	33 588	33 591	33 946	34 165	33 703	33 768	33 693	33 184	33 111	32 918	31 939
1991	32 182	32 318	32 332	32 689	32 636	32 108	32 084	31 779	31 254	31 112	30 789	30 011
1992	30 560	30 927	30 922	31 175	31 306	31 201	31 071	31 323	30 800	30 412	30 219	29 709
1993	30 403	30 829	30 950	31 593	32 150	31 636	32 014	32 128	31 433	31 679	31 736	30 765
1994	31 843	32 412	32 505	33 301	34 024	33 794	34 492	34 885	34 569	35 099	35 237	34 571
1995	36 005	38 986	36 990	37 768	38 238	37 885	38 904	39 261	38 871	39 632	38 860	37 991
1996	39 384	39 391	38 712	39 663	39 818	39 338	39 893	39 888	39 213	39 519	39 555	37 953
1997	38 646	39 088	38 523	39 768	40 278	39 524	40 728	40 795	39 807	40 154	40 240	39 102
	Seasonally Adjusted—Millions of Dollars											
1987	28 727	28 747	28 837	28 867	29 006	29 025	29 025	29 028	29 238	29 393	29 610	29 859
1988	29 771	29 893	29 932	29 894	30 004	30 183	30 273	30 505	30 646	30 832	31 384	31 645
1989	31 773	32 249	32 157	32 464	32 483	32 345	32 751	33 082	32 999	33 276	33 342	33 623
1990	33 633	33 643	33 585	33 515	33 495	33 354	33 452	33 351	33 352	33 250	33 239	32 913
1991	32 564	32 370	32 367	32 311	32 027	31 835	31 755	31 402	31 381	31 198	31 044	30 981
1992	30 922	30 978	30 992	30 824	30 700	30 969	30 694	30 920	30 946	30 478	30 470	30 722
1993	30 738	30 860	31 053	31 248	31 534	31 450	31 608	31 681	31 579	31 705	31 950	31 863
1994	32 178	32 420	32 666	32 957	33 384	33 674	34 035	34 372	34 743	35 088	35 429	35 847
1995	36 367	38 963	37 252	37 387	37 514	37 798	38 353	38 816	39 027	39 577	39 008	39 413
1996	39 776	39 377	39 099	39 322	39 135	39 331	39 098	39 206	39 367	39 428	39 636	39 335
1997	39 024	39 064	38 942	39 422	39 810	39 532	40 120	40 088	39 950	40 052	40 278	40 488
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.1	.3	.1	.5	.1	–	–	.7	.5	.7	.8
1988	–.3	.4	.1	–.1	.4	.6	.3	.8	.5	.6	1.8	.8
1989	.4	1.5	–.3	1.0	.1	–.4	1.3	1.0	–.3	.8	.2	.8
1990	–	–	–.2	–.2	–.1	–.4	.3	–.3	–	–.3	–	–1.0
1991	–1.1	–.6	–	–.2	–.9	–.6	–.3	–1.1	–.1	–.6	–.5	–.2
1992	–.2	.2	.1	–.5	–.4	.9	–.9	.7	.1	–1.5	–	.8
1993	.1	.4	.6	.8	.9	–.3	.5	.2	–.3	.4	.8	–.3
1994	1.0	.8	.8	.9	1.3	.9	1.1	1.0	1.1	1.0	1.0	1.2
1995	1.5	1.6	.8	.4	.3	.8	1.5	.7	1.1	1.4	–1.4	1.0
1996	.9	–1.0	–.7	.6	–.5	.5	–.6	.3	.4	.2	.5	–.8
1997	–.8	.1	–.3	1.2	.5	–.2	1.5	–.1	–.3	.3	.6	.5
	ELECTRICAL TRANSMISSION AND DISTRIBUTION EQUIPMENT AND INDUSTRIAL APPARATUS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 509	4 562	4 566	4 811	4 580	4 473	4 434	4 431	4 344	4 321	4 291	4 287
1988	4 351	4 441	4 456	4 547	4 602	4 569	4 558	4 604	4 613	4 575	4 644	4 673
1989	4 725	4 753	4 787	4 887	4 757	4 721	4 703	4 715	4 689	4 715	4 684	4 712
1990	4 794	4 843	4 833	4 867	4 824	4 764	4 794	4 774	4 704	4 775	4 798	4 690
1991	4 510	4 625	4 690	4 706	4 709	4 705	4 617	4 624	4 604	4 578	4 624	4 472
1992	4 813	4 695	4 681	4 759	4 792	4 709	4 768	4 831	4 708	4 890	4 673	4 490
1993	4 542	4 847	4 684	4 801	4 815	4 755	4 794	4 818	4 721	4 713	4 721	4 442
1994	4 591	4 646	4 684	4 781	4 841	4 844	4 960	5 024	4 972	5 033	5 051	4 922
1995	5 130	5 218	5 293	5 385	5 420	5 395	5 525	5 561	5 466	5 591	5 604	5 369
1996	5 284	5 373	5 147	5 234	5 274	5 163	5 270	5 331	5 354	5 445	5 591	5 382
1997	5 469	5 595	5 533	5 634	5 728	5 644	5 695	5 684	5 603	5 675	5 683	5 495
	Seasonally Adjusted—Millions of Dollars											
1987	4 545	4 563	4 558	4 539	4 496	4 442	4 420	4 415	4 370	4 345	4 343	4 378
1988	4 382	4 437	4 440	4 464	4 518	4 546	4 550	4 593	4 644	4 600	4 692	4 776
1989	4 757	4 743	4 768	4 796	4 673	4 710	4 896	4 703	4 721	4 734	4 716	4 822
1990	4 831	4 835	4 821	4 779	4 744	4 760	4 783	4 751	4 727	4 787	4 814	4 812
1991	4 553	4 625	4 690	4 630	4 635	4 703	4 595	4 586	4 617	4 579	4 619	4 609
1992	4 660	4 692	4 878	4 885	4 712	4 708	4 733	4 783	4 723	4 699	4 668	4 649
1993	4 597	4 652	4 689	4 735	4 740	4 754	4 751	4 759	4 732	4 713	4 702	4 609
1994	4 652	4 657	4 693	4 723	4 770	4 848	4 911	4 958	4 984	5 024	5 019	5 111
1995	5 198	5 227	5 308	5 329	5 343	5 404	5 472	5 490	5 483	5 574	5 559	5 564
1996	5 350	5 374	5 166	5 187	5 201	5 177	5 224	5 269	5 375	5 424	5 542	5 562
1997	5 528	5 584	5 557	5 592	5 654	5 662	5 652	5 626	5 627	5 653	5 633	5 669
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.8	.4	–.1	–.4	–.9	–1.2	–.5	–.1	–1.0	–.6	–	.8
1988	.1	1.3	.1	.5	1.2	.7	–	.9	1.1	–.9	2.0	1.8
1989	–.4	–.3	.5	.8	–2.6	.8	–.3	.1	.4	.3	–.4	2.2
1990	.2	.1	–.3	–.9	–.7	.3	.5	–.7	–.5	1.3	.6	–
1991	–5.4	1.8	1.4	–1.3	.1	1.5	–2.3	–.2	.7	–.8	.9	–.2
1992	1.1	.7	–.3	.1	.6	–.1	.6	1.1	–1.3	–.5	–.7	–.4
1993	–1.1	1.2	.8	1.0	.1	.3	–.1	.2	–.6	–.4	–.2	–2.0
1994	.9	.1	.8	.6	1.0	1.6	1.3	1.0	.5	.8	–.1	1.8
1995	1.7	.6	1.5	.4	.3	1.1	1.3	.3	–.1	1.7	–.3	.1
1996	–3.8	.4	–3.9	.4	.3	–.5	.9	.9	2.0	.9	2.2	.4
1997	–.8	1.0	–.5	.8	1.1	.1	–.2	–.5	–	.5	–.4	.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HOUSEHOLD APPLIANCES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 497	2 611	2 703	2 739	2 784	2 662	2 550	2 393	2 440	2 517	2 508	2 574
1988	2 662	2 768	2 796	2 895	2 950	2 839	2 720	2 669	2 510	2 566	2 640	2 711
1989	2 930	3 013	3 064	3 170	3 225	3 079	3 126	3 227	3 119	3 145	3 095	2 988
1990	3 148	3 288	3 349	3 452	3 523	3 305	3 068	3 079	3 007	3 023	2 988	2 814
1991	2 877	2 938	2 829	2 824	2 833	2 680	2 548	2 419	2 455	2 331	2 393	2 265
1992	2 460	2 596	2 584	2 602	2 618	2 566	2 423	2 358	2 286	2 297	2 231	2 085
1993	2 322	2 433	2 520	2 630	2 699	2 555	2 405	2 327	2 239	2 319	2 336	2 285
1994	2 486	2 607	2 592	2 670	2 729	2 605	2 493	2 540	2 524	2 619	2 659	2 538
1995	2 817	3 005	3 045	3 113	3 143	2 931	2 815	2 726	2 564	2 609	2 585	2 510
1996	2 693	2 850	2 735	2 741	2 702	2 599	2 517	2 511	2 458	2 518	2 488	2 299
1997	2 481	2 596	2 533	2 665	2 700	2 553	2 547	2 441	2 336	2 328	2 306	2 044
	Seasonally Adjusted—Millions of Dollars											
1987	2 528	2 565	2 591	2 563	2 583	2 550	2 537	2 451	2 590	2 643	2 659	2 724
1988	2 696	2 708	2 688	2 719	2 738	2 726	2 720	2 731	2 656	2 690	2 780	2 878
1989	2 968	2 935	2 953	2 983	2 990	2 962	3 141	3 303	3 292	3 291	3 241	3 192
1990	3 185	3 193	3 229	3 250	3 265	3 180	3 090	3 158	3 169	3 161	3 118	3 028
1991	2 909	2 844	2 724	2 655	2 620	2 578	2 572	2 489	2 589	2 436	2 498	2 456
1992	2 485	2 504	2 481	2 440	2 414	2 470	2 442	2 433	2 431	2 400	2 329	2 269
1993	2 340	2 338	2 413	2 462	2 486	2 466	2 430	2 403	2 384	2 420	2 441	2 494
1994	2 501	2 500	2 478	2 496	2 515	2 524	2 522	2 617	2 686	2 728	2 776	2 777
1995	2 834	2 680	2 913	2 910	2 900	2 852	2 847	2 798	2 718	2 709	2 691	2 756
1996	2 718	2 735	2 621	2 564	2 497	2 536	2 537	2 566	2 597	2 609	2 583	2 534
1997	2 516	2 495	2 434	2 495	2 500	2 491	2 557	2 486	2 459	2 405	2 391	2 264
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.2	1.5	1.0	−1.1	.8	−1.3	−.5	−3.4	5.7	2.0	.6	2.4
1988	−1.0	.4	−.7	1.2	.7	−.4	−.2	.4	−2.7	1.3	3.3	3.5
1989	3.1	−1.1	.6	1.0	.2	−.9	6.0	5.2	−.3	–	−1.5	−1.5
1990	−.2	.3	1.1	.7	.5	−2.6	−2.8	2.2	.3	−.3	−1.4	−2.9
1991	−3.9	−2.2	−4.2	−2.5	−1.3	−1.6	−.2	−3.2	4.0	−5.9	2.5	−1.7
1992	1.2	.8	−.9	−1.7	−1.1	2.3	−1.1	−.4	−.1	−1.3	−3.0	−2.6
1993	3.1	−.1	3.2	2.0	1.0	−.8	−1.5	−1.1	−.8	1.5	.9	2.2
1994	.3	–	−.9	.7	.8	.4	−.1	3.8	2.6	1.6	1.8	–
1995	2.1	1.6	1.1	−.1	−.3	−1.7	−.2	−1.7	−2.9	−.3	−.7	2.4
1996	−1.4	.6	−4.2	−2.2	−2.6	1.6	–	1.1	1.2	.5	−1.0	−1.9
1997	−.7	−.8	−2.4	2.5	.2	−.4	2.6	−2.8	−1.1	−2.2	−.6	−5.3
	ELECTRIC LIGHTING AND WIRING EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 790	2 829	2 896	2 958	3 014	3 016	2 977	2 972	2 937	2 918	2 916	2 914
1988	2 973	3 059	3 121	3 181	3 262	3 295	3 269	3 244	3 250	3 287	3 246	3 091
1989	3 170	3 148	3 188	3 325	3 360	3 389	3 328	3 275	3 221	3 303	3 232	3 121
1990	3 213	3 236	3 253	3 299	3 353	3 343	3 294	3 253	3 215	3 213	3 182	3 038
1991	3 088	3 159	3 173	3 201	3 211	3 205	3 126	3 067	3 011	3 023	2 983	2 832
1992	2 856	2 916	2 975	3 036	3 074	3 091	3 087	3 067	3 044	3 065	3 023	2 843
1993	2 887	2 924	2 985	3 031	3 067	3 086	3 112	3 102	3 000	2 966	3 010	2 918
1994	3 000	3 091	3 132	3 133	3 162	3 193	3 207	3 205	3 151	3 207	3 194	3 093
1995	3 211	3 296	3 306	3 366	3 476	3 426	3 446	3 429	3 317	3 382	3 327	3 131
1996	3 226	3 286	3 236	3 278	3 282	3 243	3 290	3 276	3 149	3 222	3 218	3 076
1997	3 188	3 275	3 255	3 357	3 434	3 374	3 430	3 421	3 313	3 395	3 391	3 204
	Seasonally Adjusted—Millions of Dollars											
1987	2 872	2 876	2 905	2 918	2 937	2 926	2 930	2 941	2 928	2 914	2 954	3 044
1988	3 060	3 109	3 132	3 137	3 174	3 193	3 213	3 216	3 248	3 278	3 286	3 237
1989	3 263	3 198	3 199	3 279	3 266	3 283	3 268	3 250	3 221	3 289	3 268	3 278
1990	3 310	3 285	3 263	3 251	3 260	3 238	3 231	3 228	3 221	3 197	3 191	3 196
1991	3 183	3 203	3 179	3 156	3 127	3 109	3 062	3 041	3 020	3 008	3 007	2 983
1992	2 947	2 951	2 978	2 995	2 996	3 005	3 020	3 034	3 059	3 051	3 048	2 995
1993	2 976	2 951	2 986	2 993	2 994	3 010	3 042	3 062	3 021	2 953	3 030	3 076
1994	3 086	3 110	3 136	3 096	3 087	3 126	3 132	3 158	3 183	3 193	3 213	3 262
1995	3 293	3 306	3 316	3 328	3 394	3 368	3 365	3 373	3 359	3 367	3 343	3 303
1996	3 299	3 288	3 254	3 242	3 202	3 195	3 213	3 219	3 195	3 208	3 226	3 246
1997	3 253	3 273	3 279	3 320	3 349	3 330	3 351	3 359	3 364	3 380	3 397	3 381
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.1	1.0	.4	.7	−.4	.1	.4	−.4	−.5	1.4	3.0
1988	.5	1.6	.7	.2	1.2	.8	.6	.1	.9	1.0	.2	−1.5
1989	.8	−2.0	–	2.5	−.4	.5	−.5	−.6	−.9	2.1	−.7	.4
1990	1.0	−.8	−.7	−.4	.3	−.7	−.2	−.1	−.2	−.7	−.2	.2
1991	−.4	.6	−.7	−.7	−.9	−.6	−1.5	−.7	−.7	−.4	–	−.8
1992	−1.2	.1	.9	.6	–	.3	.5	.5	.8	−.3	−.2	−1.7
1993	−.6	−.8	1.2	.2	–	.5	1.1	.7	−1.3	−2.3	2.6	1.5
1994	.3	.8	.8	−1.3	−.3	1.3	.2	.8	.8	.3	.6	1.5
1995	1.0	.4	.3	.4	2.0	−.8	–	.2	−.4	.2	−.7	−1.2
1996	−.1	−.3	−1.0	−.4	−1.2	−.2	.6	.2	−.7	.4	.6	.6
1997	.2	.6	.2	1.3	.9	−.6	.6	.2	.1	.5	.5	−.5

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HOUSEHOLD AUDIO AND VIDEO EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	928	981	1 018	1 059	1 097	1 105	1 149	1 187	1 112	1 105	1 070	1 009
1988	1 018	989	953	1 016	1 014	1 012	1 082	1 038	983	963	943	956
1989	971	1 034	1 055	1 136	1 174	1 082	1 213	1 198	1 188	1 118	1 088	1 140
1990	1 153	1 176	1 146	1 196	1 235	1 254	1 273	1 292	1 253	1 207	1 110	1 081
1991	1 089	1 080	1 027	999	1 012	1 058	1 065	1 120	1 109	1 113	1 054	1 078
1992	1 137	1 150	1 148	1 152	1 191	1 202	1 182	1 190	1 155	1 099	1 024	963
1993	981	970	966	969	1 036	1 112	1 161	1 141	1 010	939	889	881
1994	886	901	908	934	984	1 046	1 108	1 133	1 154	1 080	1 068	1 077
1995	1 157	1 212	1 262	1 385	1 489	1 582	1 639	1 736	1 735	1 701	1 605	1 628
1996	1 724	1 714	1 608	1 614	1 588	1 533	1 508	1 446	1 320	1 193	1 129	1 070
1997	1 126	1 119	1 049	1 062	1 089	1 074	1 227	1 188	1 102	1 078	983	917
	Seasonally Adjusted—Millions of Dollars											
1987	990	1 030	1 067	1 045	1 054	1 055	1 073	1 096	1 087	1 120	1 122	1 068
1988	1 079	1 028	995	1 004	978	970	1 014	976	961	974	992	1 012
1989	1 019	1 065	1 099	1 130	1 141	1 040	1 143	1 128	1 157	1 124	1 147	1 206
1990	1 201	1 205	1 192	1 203	1 208	1 204	1 205	1 212	1 212	1 208	1 171	1 144
1991	1 130	1 108	1 068	1 015	995	1 012	1 009	1 048	1 068	1 112	1 113	1 144
1992	1 180	1 184	1 195	1 181	1 175	1 142	1 115	1 105	1 105	1 100	1 083	1 049
1993	1 019	1 002	1 008	995	1 021	1 054	1 090	1 055	965	943	941	945
1994	920	932	950	957	969	991	1 034	1 044	1 103	1 090	1 132	1 160
1995	1 200	1 249	1 325	1 414	1 465	1 505	1 527	1 599	1 859	1 722	1 699	1 757
1996	1 785	1 758	1 692	1 646	1 563	1 464	1 402	1 331	1 265	1 206	1 193	1 157
1997	1 165	1 143	1 105	1 082	1 073	1 031	1 141	1 094	1 057	1 087	1 036	990
	Seasonally Adjusted—Percent Change From Previous Period											
1987	5.2	4.0	3.6	−2.1	.9	.1	1.7	2.1	−.8	3.0	.2	−4.8
1988	1.0	−4.7	−3.2	.9	−2.6	−.8	4.5	−3.7	−1.5	1.4	1.8	2.0
1989	.7	4.5	3.2	2.8	1.0	−8.9	9.9	−1.5	2.8	−2.9	2.0	5.1
1990	−.4	.3	−1.1	.9	.4	−.3	.1	.6	–	−.3	−3.1	−2.3
1991	−1.2	−1.9	−3.6	−5.0	−2.0	1.7	−.3	3.7	1.9	4.3	.1	2.8
1992	3.1	.3	.9	−1.2	−.5	−2.8	−2.4	−.9	–	−.5	−1.5	−3.1
1993	−2.9	−1.7	.6	−1.3	2.8	3.2	3.4	−3.2	−8.5	−2.3	−.2	.4
1994	−2.6	1.3	1.9	.7	1.3	2.3	4.3	1.0	5.7	−1.2	3.9	2.5
1995	3.4	4.1	6.1	6.7	3.6	2.7	1.5	4.7	3.8	3.8	−1.3	3.4
1996	1.6	−1.5	−3.8	−2.7	−5.0	−6.3	−4.2	−5.1	−5.0	−4.7	−1.1	−3.0
1997	.7	−1.9	−3.3	−2.1	−.8	−3.9	10.7	−4.1	−3.4	2.8	−4.7	−4.4
	COMMUNICATION EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 092	6 109	6 047	6 131	6 176	8 199	6 244	6 260	6 249	6 298	6 345	6 135
1988	6 157	6 242	8 280	6 338	8 410	6 481	6 473	6 651	6 661	6 709	6 764	6 552
1989	6 529	6 862	6 579	6 702	6 881	6 870	6 928	6 967	6 821	6 984	7 054	7 034
1990	7 157	7 199	7 091	7 144	7 162	7 085	7 183	7 333	7 313	7 296	7 315	6 953
1991	7 045	7 071	7 162	7 321	7 187	6 914	6 999	6 830	8 610	6 628	6 568	6 534
1992	6 654	6 577	6 490	6 611	8 693	6 650	6 618	6 773	6 603	6 504	6 648	6 731
1993	7 029	6 989	6 950	7 155	7 303	7 059	7 230	7 323	7 116	7 309	7 365	7 043
1994	7 311	7 601	7 598	7 907	8 213	7 991	8 167	8 315	8 187	8 349	8 418	8 375
1995	8 872	9 367	9 225	9 518	9 674	9 300	9 529	9 695	9 805	10 120	9 674	9 430
1996	9 882	9 748	9 535	10 086	10 136	9 846	9 847	10 223	10 038	10 119	10 118	9 467
1997	9 894	10 006	9 856	10 252	10 496	10 101	10 684	10 776	10 534	10 583	10 730	10 304
	Seasonally Adjusted—Millions of Dollars											
1987	6 195	6 165	6 112	6 141	6 142	6 171	6 181	8 167	6 210	8 246	6 311	6 255
1988	8 255	6 292	6 345	6 338	6 364	8 460	6 415	8 556	6 641	6 668	6 727	6 678
1989	6 615	6 906	6 640	6 686	6 815	6 860	6 877	6 872	6 825	6 959	7 023	7 173
1990	7 227	7 236	7 149	7 107	7 070	7 086	7 131	7 236	7 353	7 287	7 302	7 102
1991	7 086	7 093	7 219	7 264	7 068	6 924	6 950	6 733	6 658	6 635	6 577	6 698
1992	6 673	8 585	6 539	6 532	6 549	6 673	6 576	6 686	6 678	6 520	6 675	6 919
1993	7 036	6 976	7 006	7 053	7 122	7 098	7 198	7 228	7 197	7 324	7 396	7 267
1994	7 312	7 570	7 671	7 784	7 992	8 059	8 135	8 204	8 275	8 353	8 432	8 668
1995	8 870	9 309	9 345	9 370	9 412	9 409	9 496	9 552	9 885	10 107	9 657	9 790
1996	9 881	9 680	9 686	9 935	9 874	9 997	9 802	10 061	10 088	10 087	10 067	9 837
1997	9 898	9 940	10 046	10 116	10 251	10 265	10 626	10 585	10 560	10 540	10 655	10 712
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−.1	−.5	−.9	.5	–	.5	.2	−.2	.7	.6	1.0	−.9
1988	–	.6	.8	−.1	.4	1.5	−.7	2.2	1.3	.4	.9	−.7
1989	−.9	4.4	−3.9	.7	1.9	.7	.2	−.1	−.7	2.0	.9	2.1
1990	.8	.1	−1.2	−.6	−.5	.2	.6	1.5	1.6	−.9	.2	−2.7
1991	−.2	.1	1.8	.6	−2.7	−2.0	.4	−3.1	−1.1	−.3	−.9	1.8
1992	−.4	−1.3	−.7	−.1	.3	1.9	−1.5	1.7	−.1	−2.4	2.4	3.7
1993	1.7	−.9	.4	.7	1.0	−.4	1.4	.4	−.4	1.8	1.0	−1.7
1994	.8	3.5	1.3	1.5	2.7	.8	.9	.8	.9	.9	.9	2.8
1995	2.3	4.9	.4	.3	.4	–	.9	.6	3.5	2.2	−4.5	1.4
1996	.9	−2.0	.1	2.6	−.6	1.2	−2.0	2.6	.3	–	−.2	−2.3
1997	.6	.4	1.1	.7	1.3	.1	3.5	−.4	−.2	−.2	1.1	.5

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ELECTRONIC COMPONENTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 875	7 832	7 857	7 891	8 026	8 122	8 115	8 238	8 225	8 316	8 303	8 382
1988	8 505	8 617	8 635	8 671	8 703	8 827	8 919	9 065	8 993	9 078	9 260	9 130
1989	9 291	9 496	9 584	9 711	9 773	9 708	9 954	10 232	10 052	10 093	10 138	10 002
1990	10 000	10 007	10 100	10 117	10 205	10 133	10 323	10 138	10 022	9 988	9 982	9 815
1991	9 936	9 821	9 913	10 129	10 195	10 188	10 381	10 380	10 239	10 242	10 081	9 839
1992	9 768	9 890	9 882	9 844	9 779	9 853	9 933	10 035	9 977	9 843	9 759	9 759
1993	9 785	9 930	9 876	9 977	10 155	10 011	10 238	10 292	10 289	10 490	10 564	10 311
1994	10 641	10 554	10 577	10 777	10 928	10 907	11 278	11 375	11 329	11 556	11 662	11 391
1995	11 600	11 677	11 559	11 616	11 686	11 857	12 460	12 663	12 588	12 893	12 785	12 720
1996	13 263	13 042	12 954	13 163	13 269	13 339	13 620	13 428	13 279	13 351	13 380	13 145
1997	12 949	12 913	12 664	13 059	13 029	12 939	13 182	13 438	13 296	13 565	13 722	13 778
	Seasonally Adjusted—Millions of Dollars											
1987	7 926	7 869	7 887	7 895	7 988	8 054	8 058	8 132	8 218	8 308	8 355	8 485
1988	8 561	8 662	8 671	8 676	8 668	8 771	8 849	8 942	8 981	9 061	9 300	9 250
1989	9 358	9 551	9 628	9 715	9 746	9 667	9 861	10 084	10 029	10 068	10 157	10 142
1990	10 081	10 071	10 156	10 125	10 182	10 113	10 212	9 988	9 988	9 952	9 977	9 962
1991	10 015	9 891	9 982	10 145	10 176	10 194	10 258	10 226	10 195	10 187	10 051	9 991
1992	9 845	9 957	9 973	9 874	9 767	9 890	9 802	9 883	9 927	9 761	9 719	9 909
1993	9 847	9 991	9 987	10 028	10 181	10 067	10 094	10 136	10 239	10 381	10 500	10 461
1994	10 698	10 607	10 721	10 849	10 947	10 987	11 114	11 197	11 284	11 419	11 574	11 547
1995	11 655	11 732	11 734	11 700	11 714	11 949	12 272	12 464	12 550	12 740	12 679	12 883
1996	13 324	13 102	13 164	13 251	13 299	13 439	13 413	13 211	13 252	13 199	13 281	13 307
1997	13 009	12 975	12 868	13 130	13 058	13 018	12 986	13 223	13 274	13 431	13 636	13 938
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.7	–.7	.2	.1	1.2	.8	–	.9	1.1	1.1	.6	1.6
1988	.9	1.2	.1	.1	–.1	1.2	.9	1.1	.4	.9	2.6	–.5
1989	1.2	2.1	.8	.9	.3	–.8	2.0	2.3	–.5	.4	.9	–.1
1990	–.6	–.1	.8	–.3	.6	–.7	1.0	–2.2	–	–.4	.3	–.2
1991	.5	–1.2	.9	1.6	.3	.2	.6	–.3	–.3	–.1	–1.3	–.6
1992	–1.5	1.1	.2	–1.0	–1.1	1.3	–.9	.8	.4	–1.7	–.4	2.0
1993	–.6	1.5	–	.4	1.3	–.9	.3	.4	1.0	1.4	1.1	–.4
1994	2.3	–.9	1.1	1.2	.9	.4	1.2	.7	.8	1.2	1.4	–.2
1995	.9	.7	–	–.3	.1	2.0	2.7	1.6	.7	1.5	–.5	1.6
1996	3.4	–1.7	.5	.7	.4	1.1	–.2	–1.5	.3	–.4	.6	.2
1997	–2.2	–.3	–.8	2.0	–.5	–.3	–.2	1.8	.4	1.2	1.5	2.2
	TRANSPORTATION EQUIPMENT, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	53 209	53 839	53 736	53 815	54 050	53 512	54 174	55 149	55 536	56 252	58 786	55 062
1988	56 406	57 601	58 125	58 630	59 575	59 968	60 399	60 536	61 077	61 963	62 544	61 628
1989	63 603	65 085	65 752	65 996	67 090	67 040	68 872	69 455	68 654	69 817	70 431	69 186
1990	71 648	72 418	72 441	73 629	74 840	73 717	75 757	76 220	75 908	77 020	78 665	75 650
1991	76 932	77 731	76 823	76 653	75 627	74 470	74 605	74 448	74 569	74 424	74 290	71 072
1992	71 316	71 462	70 583	69 314	68 498	66 869	66 537	67 262	65 643	65 946	64 625	61 533
1993	62 075	63 492	63 094	62 717	62 819	61 905	62 328	62 390	62 235	61 941	62 825	59 140
1994	60 659	61 318	60 167	60 114	60 962	59 673	60 924	61 679	60 790	61 050	61 423	59 364
1995	60 304	60 656	60 528	60 354	61 278	59 166	60 312	60 703	60 251	60 774	60 513	57 663
1996	60 231	61 497	61 734	61 541	62 237	61 547	63 163	63 978	63 753	64 781	65 346	62 347
1997	65 457	67 316	66 859	67 787	68 750	67 661	69 255	70 561	69 911	71 399	71 881	66 877
	Seasonally Adjusted—Millions of Dollars											
1987	53 743	53 619	53 560	53 762	53 840	53 900	54 226	54 750	55 224	55 709	56 433	56 461
1988	56 889	57 339	57 982	58 571	59 323	60 401	60 319	60 029	60 828	61 414	62 132	63 202
1989	64 125	64 825	65 634	65 895	66 811	67 555	68 767	68 836	68 563	69 184	69 947	70 968
1990	72 224	72 170	72 310	73 456	74 524	74 282	75 590	75 435	75 839	76 367	78 051	77 640
1991	77 512	77 397	78 689	76 450	75 330	75 165	74 514	73 706	74 504	73 773	73 558	73 019
1992	72 083	71 116	70 599	69 268	68 230	67 627	68 431	66 500	65 378	65 217	63 860	63 290
1993	62 685	63 054	63 069	62 765	62 547	62 725	62 273	61 614	61 908	61 267	62 138	60 950
1994	61 216	60 908	60 144	60 219	60 657	60 494	60 865	60 859	60 410	60 429	60 752	61 354
1995	60 767	60 213	60 534	60 455	60 898	59 986	60 174	59 843	59 873	60 215	59 902	59 735
1996	60 633	61 056	61 740	61 574	61 778	62 407	63 016	63 093	63 384	64 217	64 721	64 596
1997	65 808	66 796	66 827	67 771	68 298	68 837	69 174	69 677	69 534	70 761	71 183	69 323
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.7	–.2	–.1	.4	.1	.1	.8	1.0	.9	.9	1.3	–
1988	.8	.8	1.1	1.0	1.3	1.8	–.1	–.5	1.3	1.0	1.2	1.7
1989	1.5	1.1	1.2	.4	1.4	1.1	1.8	.1	–.4	.9	1.1	1.5
1990	1.8	–.1	.2	1.6	1.5	–.3	1.8	–.2	.5	.7	2.2	–.5
1991	–.2	–.1	–.9	–.3	–1.5	–.2	–.9	–1.1	1.1	–1.0	–.3	–.7
1992	–1.3	–1.3	–.7	–1.9	–1.5	–.9	–1.8	.1	–1.7	–.2	–2.1	–.9
1993	–1.0	.6	–	–.5	–.3	.3	–.7	–1.1	.5	–1.0	1.4	–1.9
1994	.4	–.5	–1.3	.1	.7	–.3	.6	–	–.7	–	.5	1.0
1995	–1.0	–.9	.5	–.1	.7	–1.5	.3	–.6	.1	.6	–.5	–.3
1996	1.5	.7	1.1	–.3	.3	1.0	1.0	.1	.5	1.3	.8	–.2
1997	1.9	1.5	–	1.4	.8	.5	.8	.7	–.2	1.8	.6	–2.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	MOTOR VEHICLES AND PARTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	11 488	11 649	11 694	11 469	11 379	11 062	11 046	11 368	11 829	11 810	12 015	11 909
1988	12 433	12 442	12 121	11 975	11 762	11 551	11 471	12 038	12 104	12 144	12 478	12 263
1989	13 052	13 139	12 866	12 678	12 647	12 175	12 997	13 205	12 930	13 018	13 098	12 431
1990	13 239	12 929	12 388	12 478	12 495	12 006	12 618	12 831	12 814	12 788	13 414	13 400
1991	14 039	14 161	13 390	13 187	12 604	12 325	12 451	12 979	13 049	13 139	13 818	13 049
1992	13 157	13 218	13 053	12 923	12 682	12 544	12 642	13 813	13 851	13 769	13 774	12 920
1993	13 107	13 472	13 312	13 309	13 117	12 994	12 974	13 992	14 012	14 111	14 321	13 865
1994	14 208	14 487	14 235	14 095	14 340	14 207	14 887	15 213	15 338	15 264	15 630	15 341
1995	15 787	15 989	15 955	15 959	16 043	15 600	16 241	16 382	16 119	18 249	16 393	15 838
1996	16 531	16 476	16 780	16 501	16 257	15 650	16 556	16 722	18 521	18 632	16 302	15 852
1997	16 296	16 624	16 571	16 731	16 931	16 019	16 716	18 667	18 863	18 439	16 191	15 568
	Seasonally Adjusted—Millions of Dollars											
1987	11 199	11 285	11 533	11 448	11 538	11 558	11 502	11 396	11 789	11 755	11 825	11 937
1988	12 063	12 013	11 989	11 991	11 954	12 099	11 892	12 047	12 065	12 101	12 225	12 310
1989	12 629	12 673	12 779	12 736	12 902	12 781	13 436	13 178	12 874	12 949	12 760	12 503
1990	12 831	12 468	12 341	12 563	12 801	12 622	13 013	12 745	12 718	12 676	13 015	13 504
1991	13 688	13 714	13 384	13 305	12 948	12 946	12 771	12 828	12 900	12 991	13 205	13 163
1992	12 942	12 864	13 070	13 056	13 022	13 153	12 841	13 423	13 658	13 590	13 362	13 081
1993	12 978	13 190	13 331	13 436	13 409	13 577	13 106	13 751	13 794	13 924	13 970	14 099
1994	14 146	14 278	14 252	14 198	14 594	14 759	14 946	14 897	15 114	15 078	15 348	15 692
1995	15 763	15 838	15 950	16 019	16 215	16 153	16 210	16 005	15 909	18 093	18 215	16 293
1996	16 537	16 366	16 740	16 489	16 327	16 175	16 483	16 311	16 334	18 513	16 219	18 369
1997	16 317	16 547	16 477	16 657	16 943	16 553	16 610	18 248	18 671	16 341	16 163	16 145
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.1	.8	2.2	–.7	.8	.2	–.5	–.9	3.4	–.3	.8	.9
1988	1.1	–.4	–.2	–	–.3	1.2	–1.7	1.3	.1	.3	1.0	.7
1989	2.6	.3	.8	–.3	1.3	–.9	5.1	–1.9	–2.3	.6	–1.5	–2.0
1990	2.8	–2.8	–1.0	1.8	1.9	–1.4	3.1	–2.1	–.2	–.3	2.7	3.8
1991	1.4	.2	–2.4	–.8	–2.7	–	–1.4	.4	.6	.7	1.6	–.3
1992	–1.7	–.6	1.6	–.1	–.3	1.0	–2.4	4.5	1.8	–.5	–1.7	–2.1
1993	–.8	1.8	1.1	.8	–.2	1.3	–3.5	4.9	.3	.9	.3	.9
1994	.3	.9	–.2	–.4	2.8	1.1	1.3	–.3	1.5	–.2	1.8	2.2
1995	.5	.5	.7	.4	1.2	–.4	.4	–1.3	–.8	1.2	.8	.5
1996	1.5	–1.0	2.3	–1.5	–1.0	–.9	1.9	–1.0	.1	1.1	–1.8	.9
1997	–.3	1.4	–.4	1.1	1.7	–2.3	.3	–2.2	2.6	–2.0	–1.1	–.1
	AIRCRAFT, MISSILES, SPACE VEHICLES, AND PARTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	38 112	38 393	38 244	38 455	38 773	38 600	39 243	39 855	39 779	40 428	40 629	39 347
1988	40 119	41 227	41 972	42 725	43 748	44 372	44 772	44 368	44 721	45 464	45 698	45 475
1989	48 482	47 681	48 735	48 960	50 140	50 427	51 444	51 912	51 484	52 682	53 116	52 735
1990	54 141	54 988	55 637	58 657	57 888	57 220	58 497	58 694	58 447	59 847	60 901	57 907
1991	58 456	59 052	59 229	59 270	56 715	57 845	57 763	57 123	57 115	58 885	56 125	53 518
1992	53 483	53 489	52 941	51 798	51 215	49 743	49 282	48 970	47 458	47 808	46 418	44 234
1993	44 450	45 381	45 157	44 770	45 084	44 190	44 616	43 678	43 769	43 401	43 993	40 905
1994	41 872	42 192	41 335	41 541	42 182	41 242	41 777	42 151	41 252	41 430	41 273	39 521
1995	39 809	39 700	39 627	39 377	40 222	38 905	39 160	39 351	39 175	39 375	38 978	36 960
1996	38 624	39 768	39 797	39 877	40 822	40 904	41 447	41 942	42 053	42 962	43 750	41 583
1997	43 997	45 484	45 198	45 873	48 621	48 610	47 364	48 670	47 923	49 725	50 492	46 126
	Seasonally Adjusted—Millions of Dollars											
1987	38 896	38 587	38 233	38 401	38 423	38 478	38 832	39 415	39 543	39 949	40 513	40 636
1988	40 933	41 431	41 965	42 635	43 328	44 259	44 290	43 870	44 552	44 929	45 552	46 924
1989	47 381	47 924	48 687	48 788	49 637	50 358	50 940	51 359	51 469	52 066	52 948	54 345
1990	55 095	55 268	55 543	58 396	57 107	57 201	58 008	58 070	58 479	59 220	60 631	59 694
1991	59 379	59 258	59 131	58 955	58 109	57 921	57 395	56 559	57 160	58 300	55 735	55 249
1992	54 497	53 618	52 986	51 635	50 627	49 850	48 974	48 368	47 329	47 212	46 037	45 788
1993	45 243	45 353	45 201	44 709	44 529	44 354	44 403	43 106	43 596	42 864	43 637	42 437
1994	42 545	42 140	41 393	41 571	41 606	41 429	41 622	41 620	41 041	40 949	40 882	41 100
1995	40 338	39 552	39 738	39 448	39 671	39 071	39 017	38 866	38 961	38 937	38 557	38 508
1996	39 044	39 566	39 924	39 952	40 304	41 122	41 349	41 497	41 844	42 497	43 228	43 207
1997	44 345	45 134	45 319	45 956	48 170	46 938	47 371	48 254	47 730	49 168	49 829	47 879
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.4	–.8	–.9	.4	.1	.1	.9	1.5	.3	1.0	1.4	.3
1988	.7	1.2	1.3	1.6	1.8	2.1	.1	–.9	1.6	.8	1.4	3.0
1989	1.0	1.1	1.6	.2	1.7	1.5	1.2	.8	.2	1.2	1.7	2.6
1990	1.4	.3	.5	1.5	1.3	.2	1.4	.1	.7	1.3	2.4	–1.5
1991	–.5	–.2	–.2	–.3	–1.4	–.3	–.9	–1.5	1.1	–1.5	–1.0	–.9
1992	–1.4	–1.8	–1.2	–2.5	–2.0	–1.5	–1.8	–1.2	–2.1	–.2	–2.5	–.5
1993	–1.2	.2	–.3	–1.1	–.4	–.4	.1	–2.9	1.1	–1.7	1.8	–2.7
1994	.3	–1.0	–1.8	.4	.1	–.4	.5	–	–1.4	–.2	–.2	.5
1995	–1.9	–1.9	.5	–.7	.6	–1.5	–.1	–.4	.2	–.1	–1.0	–.1
1996	1.4	1.3	.9	.1	.9	2.0	.6	.4	.8	1.6	1.7	–
1997	2.6	1.8	.4	1.4	.5	1.7	.9	1.9	–1.1	3.0	1.3	–3.9

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	SHIPBUILDING AND TANKS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 800	1 836	1 893	2 023	1 972	1 930	1 997	1 967	1 988	2 036	2 058	1 803
1988	1 846	1 893	1 938	1 952	1 997	1 948	2 025	2 034	2 043	2 168	2 137	1 698
1989	1 935	2 015	1 865	1 960	1 915	1 887	1 879	1 850	1 882	1 803	1 834	1 678
1990	1 829	1 902	1 966	2 060	2 134	2 029	2 158	2 228	2 230	1 971	1 944	1 941
1991	1 947	1 939	1 841	1 819	1 911	1 937	2 016	1 952	1 989	1 947	2 076	2 123
1992	2 158	2 163	2 052	2 099	2 070	2 042	2 048	2 087	1 815	1 805	1 763	1 752
1993	1 762	1 828	1 818	1 835	1 853	1 960	1 968	1 873	1 704	1 704	1 749	1 652
1994	1 715	1 753	1 788	1 816	1 812	1 629	1 589	1 600	1 492	1 597	1 590	1 613
1995	1 661	1 727	1 714	1 675	1 663	1 584	1 757	1 600	1 669	1 621	1 675	1 592
1996	1 627	1 665	1 705	1 680	1 767	1 709	1 672	1 687	1 712	1 675	1 755	1 671
1997	1 725	1 752	1 749	1 732	1 601	1 596	1 595	1 573	1 600	1 585	1 594	1 644
	Seasonally Adjusted—Millions of Dollars											
1987	1 861	1 872	1 911	1 992	1 949	1 936	1 955	1 958	1 945	1 991	2 030	1 921
1988	1 899	1 919	1 954	1 924	1 976	1 952	1 972	1 999	1 992	2 151	2 123	1 793
1989	1 993	2 046	1 904	1 934	1 889	1 877	1 821	1 799	1 844	1 808	1 844	1 782
1990	1 878	1 914	2 003	2 037	2 094	2 002	2 072	2 140	2 196	2 004	1 979	2 041
1991	1 986	1 934	1 847	1 795	1 871	1 927	1 957	1 911	1 995	1 980	2 127	2 224
1992	2 169	2 149	2 058	2 071	2 034	2 055	2 022	2 098	1 834	1 808	1 779	1 789
1993	1 757	1 798	1 801	1 807	1 818	1 979	1 954	1 894	1 730	1 722	1 769	1 681
1994	1 706	1 716	1 759	1 784	1 782	1 650	1 587	1 625	1 520	1 624	1 600	1 642
1995	1 652	1 689	1 682	1 641	1 632	1 609	1 758	1 623	1 700	1 651	1 674	1 630
1996	1 621	1 628	1 675	1 644	1 735	1 739	1 669	1 708	1 739	1 703	1 745	1 709
1997	1 711	1 712	1 717	1 697	1 580	1 626	1 601	1 594	1 621	1 618	1 595	1 680
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.0	.6	2.1	4.2	-2.2	-.7	1.0	.2	-.7	2.4	2.0	-5.4
1988	-1.1	1.1	1.8	-1.5	2.7	-1.2	1.0	1.4	-.4	8.0	-1.3	-15.5
1989	11.2	2.7	-6.9	1.6	-2.3	-.6	-3.0	-1.2	2.5	-2.0	2.0	-3.4
1990	5.4	1.9	4.6	1.7	2.8	-4.4	3.5	3.3	2.6	-8.7	-1.2	3.1
1991	-2.7	-2.6	-4.5	-2.8	4.2	3.0	1.6	-2.4	4.4	-.8	7.4	4.8
1992	-2.5	-.9	-4.2	.6	-1.8	1.0	-1.6	3.8	-12.6	-1.5	-1.5	.6
1993	-1.8	2.3	.2	.3	.6	8.9	-1.3	-3.1	-8.7	-.5	2.7	-5.0
1994	1.5	.6	2.5	1.4	-.1	-7.4	-3.8	2.4	-6.5	6.8	-1.5	2.8
1995	.6	2.2	-.4	-2.4	-.5	-1.4	9.3	-7.7	4.7	-2.9	1.4	-2.6
1996	-.6	.4	2.9	-1.9	5.5	.2	-4.0	2.3	1.8	-2.1	2.5	-2.1
1997	.1	.1	.3	-1.2	-6.9	2.9	-1.5	-.4	1.7	-.3	-1.3	5.3
	INSTRUMENTS AND RELATED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	22 083	22 369	22 268	22 546	22 931	22 904	23 039	23 200	23 258	23 293	23 423	23 015
1988	23 445	23 709	23 511	23 619	24 115	23 461	23 662	23 917	23 567	23 561	23 689	24 574
1989	25 423	26 025	26 572	27 215	27 466	27 389	27 525	27 786	27 385	27 494	27 413	25 699
1990	26 631	27 089	27 182	27 453	27 653	27 051	27 168	27 425	28 917	27 260	27 067	25 699
1991	25 902	26 298	25 905	26 313	26 311	26 097	26 184	26 212	25 771	25 843	25 637	24 963
1992	25 071	25 328	25 171	25 364	25 489	25 229	25 395	25 393	25 043	24 929	24 662	23 925
1993	23 885	24 359	24 208	24 448	24 407	24 194	24 086	24 093	23 807	23 971	23 604	22 492
1994	22 655	22 920	22 718	22 964	23 289	23 181	23 123	23 314	23 054	23 009	23 089	22 273
1995	22 362	22 958	22 942	23 439	23 512	23 814	24 063	24 371	24 309	24 633	24 948	24 233
1996	24 544	25 075	25 116	25 608	25 714	25 337	25 827	26 083	25 700	25 973	25 493	24 517
1997	24 972	25 360	25 187	25 762	25 839	25 931	26 260	26 483	25 973	28 027	26 273	25 143
	Seasonally Adjusted—Millions of Dollars											
1987	22 389	22 422	22 319	22 401	22 571	22 765	22 822	22 922	23 267	23 294	23 505	23 692
1988	23 777	23 719	23 562	23 451	23 726	23 362	23 452	23 623	23 597	23 543	23 735	25 346
1989	25 813	26 023	26 625	27 008	27 019	27 312	27 268	27 412	27 431	27 427	27 399	26 541
1990	27 095	27 088	27 248	27 240	27 231	26 986	26 912	27 063	26 943	27 145	26 981	26 552
1991	26 398	26 327	26 007	26 125	25 949	26 025	25 939	25 858	25 750	25 689	25 491	25 778
1992	25 596	25 441	25 355	25 192	25 170	25 104	25 130	25 036	24 985	24 769	24 491	24 685
1993	24 402	24 472	24 403	24 292	24 114	24 062	23 848	23 744	23 719	23 819	23 437	23 211
1994	23 166	23 028	22 919	22 817	23 030	23 054	22 886	22 949	22 963	22 878	22 939	22 965
1995	22 851	23 068	23 147	23 286	23 264	23 690	23 806	23 967	24 216	24 502	24 812	24 990
1996	25 083	25 203	25 331	25 422	25 449	25 212	25 538	25 632	25 624	25 845	25 373	25 268
1997	25 483	25 493	25 386	25 566	25 578	25 811	25 959	26 026	25 929	25 909	26 180	25 903
	Seasonally Adjusted—Percent Change From Previous Period											
1987	-.3	.1	-.5	.4	.8	.9	.3	.4	1.5	.1	.9	.8
1988	.4	-.2	-.7	-.5	1.2	-1.5	.4	.7	-.1	-.2	.8	6.8
1989	1.8	.8	2.3	1.4	–	1.1	-.2	.5	.1	–	-.1	-3.1
1990	2.1	–	.6	–	–	-.9	-.3	.6	-.4	.7	-.6	-1.6
1991	-.6	-.3	-1.2	.5	-.7	.3	-.3	-.3	-.4	-.2	-.8	1.1
1992	-.7	-.6	-.3	-.6	-.1	-.3	.1	-.4	-.2	-.9	-1.1	.8
1993	-1.1	.3	-.3	-.5	-.7	-.2	-.9	-.4	-.1	.4	-1.6	-1.0
1994	-.2	-.6	-.5	-.4	.9	.1	-.7	.3	.1	-.4	.3	.1
1995	-.5	.9	.3	.6	-.1	1.8	.5	.7	1.0	1.2	1.3	.7
1996	.4	.5	.5	.4	.1	-.9	1.3	.4	–	.9	-1.8	-.4
1997	.9	–	-.4	.7	–	.9	.6	.3	-.4	-.1	1.0	-1.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	SEARCH AND NAVIGATION EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 775	8 854	8 821	8 996	9 119	9 209	9 332	9 413	9 456	9 585	9 716	9 455
1988	9 670	9 697	9 454	9 309	9 349	8 781	8 874	8 906	8 593	8 501	8 458	9 338
1989	9 769	10 114	10 381	10 782	10 945	10 863	11 149	11 246	10 825	10 809	10 613	9 667
1990	9 842	10 122	10 046	10 267	10 350	10 143	10 240	10 191	9 902	10 011	9 831	9 105
1991	9 159	9 435	8 955	9 184	9 057	8 939	9 036	9 047	8 721	8 698	8 441	8 262
1992	8 156	8 235	8 207	8 261	8 283	8 149	8 291	8 231	7 994	7 898	7 758	7 384
1993	7 170	7 347	7 086	7 149	7 070	6 986	6 911	6 907	6 976	7 064	6 758	6 418
1994	6 442	6 478	6 327	6 457	6 492	6 559	6 585	8 566	6 335	8 255	8 281	6 143
1995	6 078	6 395	6 291	6 402	6 313	6 408	6 445	6 515	6 516	6 544	6 773	6 740
1996	6 641	6 692	6 585	6 848	6 770	6 566	6 823	6 796	6 635	6 677	8 463	6 183
1997	6 326	6 430	6 339	6 560	6 583	6 597	6 779	6 794	6 499	6 291	6 364	6 391
	Seasonally Adjusted—Millions of Dollars											
1987	8 902	8 851	8 857	8 950	9 026	9 192	9 206	9 246	9 456	9 573	9 728	9 778
1988	9 830	9 664	9 503	9 245	9 242	8 766	8 742	8 731	8 612	8 480	8 456	9 704
1989	9 966	10 073	10 417	10 700	10 803	10 847	10 969	11 003	10 854	10 754	10 589	10 083
1990	10 091	10 083	10 119	10 190	10 213	10 122	10 062	9 970	9 906	9 930	9 782	9 502
1991	9 421	9 420	9 046	9 128	8 947	8 914	8 876	8 848	8 695	8 616	8 382	8 603
1992	8 410	8 276	8 341	6 207	8 162	8 100	8 124	8 039	7 953	7 839	7 704	7 665
1993	7 386	7 383	7 200	7 100	6 993	8 942	6 779	8 754	6 937	7 039	6 714	6 633
1994	6 624	6 501	6 432	6 410	6 431	6 516	6 459	6 418	6 298	6 264	6 262	6 319
1995	6 234	6 418	6 397	6 348	8 256	6 364	6 310	6 365	6 488	6 581	6 782	6 912
1996	8 804	6 716	6 691	6 777	6 706	6 518	6 665	6 628	6 620	6 740	6 501	6 331
1997	6 471	6 461	6 431	6 476	8 514	6 547	6 605	8 622	6 499	6 369	6 429	6 547
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.7	–.6	.1	1.1	.8	1.8	.2	.4	2.3	1.2	1.6	.5
1988	.5	–1.7	–1.7	–2.7	–	–5.2	–.3	–.1	–1.4	–1.5	–.3	14.8
1989	2.7	1.1	3.4	2.7	1.0	.4	1.1	.3	–1.4	–.9	–1.5	–4.8
1990	.1	–.1	.4	.7	.2	–.9	–.6	–.9	–.6	.2	–1.5	–2.9
1991	–.9	–	–4.0	.9	–2.0	–.4	–.4	–.3	–1.7	–.9	–2.7	2.6
1992	–2.2	–1.6	.8	–1.6	–.5	–.8	.3	–1.0	–1.1	–1.4	–1.7	–.5
1993	–3.6	–	–2.5	–1.4	–1.5	–.7	–2.3	–.4	2.7	1.5	–4.6	–1.2
1994	–.1	–1.9	–1.1	–.3	.3	1.3	–.9	–.6	–1.9	–.5	–	.9
1995	–1.3	3.0	–.3	–.8	–1.4	1.7	–.8	.9	1.9	1.4	3.1	1.9
1996	–1.6	–1.3	–.4	1.3	–1.0	–2.8	2.3	–.6	–.1	1.8	–3.5	–2.6
1997	2.2	–.2	–.5	.7	.6	.5	.9	.3	–1.9	–2.0	.9	1.8
	MEASURING AND CONTROLLING DEVICES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 034	6 113	6 116	6 113	6 230	8 173	6 174	6 198	6 277	6 246	6 297	6 242
1988	6 275	6 358	8 392	8 422	6 642	6 554	6 558	8 614	6 594	6 606	6 657	6 710
1989	6 837	8 857	6 974	6 946	6 870	8 911	7 076	7 237	7 194	7 264	7 343	7 043
1990	7 234	7 293	7 453	7 395	7 418	7 375	7 434	7 449	7 367	7 492	7 477	7 186
1991	7 240	7 218	7 231	7 278	7 325	7 232	7 193	7 206	7 125	7 065	7 063	6 960
1992	7 019	7 107	6 988	7 030	7 111	7 032	7 050	7 064	7 047	6 989	6 909	6 835
1993	6 916	6 951	6 930	6 981	6 935	6 865	6 860	6 840	6 838	6 682	6 639	6 411
1994	8 463	6 547	6 584	6 607	6 707	8 679	6 637	6 735	6 808	6 829	6 914	6 790
1995	6 917	7 056	7 070	7 217	7 240	7 319	7 433	7 508	7 409	7 468	7 570	7 293
1996	7 468	7 658	7 730	7 770	7 785	7 736	7 899	7 970	7 831	7 881	7 711	7 681
1997	7 801	7 843	7 823	7 965	7 960	8 129	8 178	8 138	7 960	7 985	8 092	7 791
	Seasonally Adjusted—Millions of Dollars											
1987	6 101	6 140	6 113	6 106	6 147	6 149	6 159	6 176	8 270	6 233	6 281	6 337
1988	6 334	6 387	6 385	6 422	6 557	8 545	6 547	6 580	6 586	6 593	6 632	6 812
1989	6 896	6 887	6 968	6 946	6 787	6 911	7 063	7 189	7 188	7 249	7 314	7 157
1990	7 293	7 322	7 452	7 389	7 337	7 379	7 414	7 387	7 363	7 478	7 446	7 316
1991	7 303	7 244	7 236	7 263	7 250	7 229	7 166	7 143	7 119	7 050	7 034	7 102
1992	7 089	7 129	7 002	7 006	7 043	7 018	7 011	6 998	7 038	6 978	6 883	6 993
1993	6 998	6 965	6 949	6 953	6 870	6 841	6 811	6 771	6 626	6 676	6 617	6 571
1994	6 546	6 559	8 604	6 574	6 653	6 651	6 576	6 655	6 803	6 827	6 888	6 975
1995	7 014	7 070	7 086	7 179	7 190	7 283	7 351	7 409	7 411	7 466	7 540	7 502
1996	7 576	7 677	7 746	7 725	7 738	7 692	7 801	7 856	7 842	7 881	7 681	7 907
1997	7 916	7 864	7 837	7 919	7 911	8 079	8 074	8 020	7 973	7 986	8 069	8 017
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.4	.6	–.4	–.1	.7	–	.2	.3	1.5	–.6	.8	.9
1988	–	.8	–	.6	2.1	–.2	–	.5	.1	.1	.6	2.7
1989	1.2	–.1	1.2	–.3	–2.3	1.8	2.2	1.8	–	.8	.9	–2.1
1990	1.9	.4	1.8	–.8	–.7	.6	.5	–.4	–.3	1.6	–.4	–1.7
1991	–.2	–.8	–.1	.4	–.2	–.3	–.9	–.3	–.3	–1.0	–.2	1.0
1992	–.2	.6	–1.8	.1	.5	–.4	–.1	–.2	.6	–.9	–1.4	1.6
1993	.1	–.5	–.2	.1	–1.2	–.4	–.4	–.6	–2.1	.8	–.9	–.7
1994	–.4	.2	.7	–.5	1.2	–	–1.1	1.2	2.2	.4	.9	1.3
1995	.6	.8	.2	1.3	.2	1.3	.9	.8	–	.7	1.0	–.5
1996	1.0	1.3	.9	–.3	.2	–.6	1.4	.7	–.2	.5	–2.5	2.9
1997	.1	–.7	–.3	1.0	–.1	2.1	–.1	–.7	–.6	.2	1.0	–.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	Januery	Februery	Merch	April	May	June	July	August	September	October	November	December
	MEDICAL INSTRUMENTS AND SUPPLIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 080	4 140	4 150	4 155	4 242	4 211	4 219	4 244	4 304	4 291	4 334	4 304
1988	4 353	4 439	4 490	4 540	4 724	4 691	4 725	4 795	4 811	4 850	4 918	4 989
1989	5 200	5 369	5 527	5 657	5 784	5 834	5 480	5 515	5 537	5 598	5 644	5 562
1990	5 957	6 044	6 078	6 082	6 122	5 929	5 884	6 153	8 084	6 179	6 159	5 988
1991	6 059	6 143	6 188	6 279	6 363	6 366	6 429	6 457	6 480	6 658	6 731	6 552
1992	6 625	6 705	6 639	6 738	6 817	6 776	8 834	6 883	6 842	6 938	6 966	6 771
1993	6 786	6 875	6 876	6 973	7 043	6 971	8 966	6 976	6 872	6 926	6 937	6 653
1994	6 647	6 719	6 701	6 764	6 944	6 873	6 824	6 908	6 793	6 841	6 824	6 581
1995	6 534	6 573	6 588	6 767	6 867	6 895	6 998	7 107	7 074	7 317	7 328	7 151
1996	7 333	7 487	7 447	7 586	7 680	7 717	7 729	7 880	7 755	7 980	7 965	7 761
1997	7 924	8 032	7 963	8 101	8 119	8 089	8 177	8 355	8 237	8 460	8 591	7 977
	Seasonally Adjusted—Millions of Dollars											
1987	4 133	4 143	4 132	4 121	4 151	4 177	4 204	4 246	4 318	4 310	4 364	4 400
1988	4 402	4 431	4 462	4 497	4 614	4 866	4 715	4 802	4 836	4 873	4 949	5 102
1989	5 252	5 348	5 490	5 600	5 652	5 820	5 474	5 520	5 575	5 613	5 664	5 688
1990	6 016	6 019	6 046	6 021	5 998	5 926	5 877	6 151	6 128	6 173	6 151	6 121
1991	6 125	6 126	8 179	6 228	8 256	8 368	6 418	6 435	6 518	6 621	6 688	6 691
1992	6 721	6 733	6 679	8 709	6 735	6 757	8 810	8 837	6 863	6 864	6 881	6 908
1993	6 896	6 915	6 945	6 954	8 965	6 947	6 939	6 909	6 886	8 839	6 847	6 791
1994	6 758	6 764	6 784	6 751	6 875	6 847	6 796	6 826	6 808	6 748	6 735	6 721
1995	6 637	8 617	6 875	6 756	6 806	6 871	6 974	7 012	7 096	7 215	7 233	7 302
1996	7 435	7 533	7 542	7 571	7 622	7 698	7 709	7 774	7 790	7 868	7 862	7 923
1997	8 015	8 072	8 058	8 086	8 065	8 079	8 164	8 245	8 282	8 342	8 479	8 137
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.6	.2	–.3	–.3	.7	.8	.8	1.0	1.7	–.2	1.3	.8
1988	–	.7	.7	.8	2.6	1.1	1.1	1.8	.7	.8	1.6	3.1
1989	2.9	1.8	2.7	2.0	.9	3.0	–5.9	.8	1.0	.7	.9	.4
1990	5.8	–	.4	–.4	–.4	–1.2	–.8	4.7	–.4	.7	–.4	–.5
1991	.1	–	.9	.8	.4	1.8	.8	.3	1.3	1.8	1.0	.1
1992	.4	.2	–.8	.4	.4	.3	.8	.4	.4	–	.2	.4
1993	–.2	.3	.4	.1	.2	–.3	–.1	–.4	–.3	–.7	.1	–.8
1994	–.5	.1	.3	–.5	1.8	–.4	–.7	.4	–.3	–.9	–.2	–.2
1995	–1.2	–.3	.9	1.2	.7	1.0	1.5	.5	1.2	1.7	.2	1.0
1996	1.8	1.3	.1	.4	.7	1.0	.1	.8	.2	1.0	–.1	.8
1997	1.2	.7	–.2	.3	–.3	.2	1.1	1.0	.4	.7	1.6	–4.0
	PHOTOGRAPHIC GOODS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 606	2 651	2 565	2 642	2 672	2 631	2 827	2 655	2 547	2 532	2 464	2 418
1988	2 534	2 812	2 575	2 744	2 788	2 809	2 878	2 959	2 911	2 981	3 003	2 866
1989	2 944	3 001	3 009	3 117	3 152	3 053	3 100	3 067	3 118	3 114	3 105	2 729
1990	2 890	2 897	2 858	2 960	3 007	2 837	2 847	2 878	2 822	2 826	2 848	2 673
1991	2 704	2 755	2 773	2 793	2 783	2 788	2 783	2 787	2 741	2 717	2 689	2 489
1992	2 584	2 561	2 601	2 602	2 590	2 552	2 518	2 522	2 494	2 447	2 370	2 246
1993	2 329	2 493	2 833	2 652	2 670	2 889	2 680	2 718	2 694	2 683	2 648	2 413
1994	2 499	2 565	2 502	2 528	2 534	2 454	2 457	2 489	2 495	2 455	2 425	2 114
1995	2 212	2 314	2 365	2 421	2 468	2 571	2 571	2 640	2 721	2 710	2 677	2 458
1996	2 532	2 651	2 761	2 802	2 868	2 712	2 780	2 832	2 880	2 830	2 752	2 290
1997	2 323	2 447	2 452	2 519	2 545	2 481	2 492	2 552	2 637	2 634	2 559	2 322
	Seasonally Adjusted—Millions of Dollars											
1987	2 654	2 870	2 600	2 593	2 596	2 592	2 585	2 581	2 551	2 523	2 498	2 554
1988	2 584	2 628	2 612	2 692	2 714	2 781	2 834	2 881	2 903	2 961	3 028	3 031
1989	3 011	3 025	3 051	3 059	3 078	3 030	3 058	2 990	3 096	3 088	3 108	2 892
1990	2 972	2 927	2 887	2 906	2 943	2 815	2 808	2 808	2 790	2 798	2 838	2 845
1991	2 795	2 789	2 795	2 745	2 727	2 761	2 745	2 699	2 697	2 685	2 668	2 667
1992	2 657	2 584	2 602	2 554	2 534	2 526	2 488	2 468	2 448	2 421	2 381	2 418
1993	2 428	2 518	2 630	2 606	2 607	2 662	2 655	2 658	2 628	2 622	2 633	2 612
1994	2 625	2 594	2 497	2 482	2 468	2 434	2 439	2 432	2 418	2 405	2 411	2 299
1995	2 336	2 342	2 362	2 379	2 397	2 559	2 558	2 579	2 623	2 643	2 657	2 678
1996	2 688	2 687	2 759	2 753	2 782	2 706	2 770	2 769	2 765	2 749	2 729	2 498
1997	2 472	2 484	2 450	2 475	2 487	2 480	2 484	2 496	2 527	2 553	2 537	2 534
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.3	.6	–2.8	–.3	.1	–.2	–.3	–.2	–1.2	–1.1	–1.0	2.2
1988	1.2	1.7	–.6	3.1	.8	2.5	1.9	1.7	.8	2.0	2.2	.2
1989	–.7	.5	.9	.3	.6	–1.6	.9	–2.2	3.5	–.3	.8	–6.9
1990	2.8	–1.5	–1.4	.7	1.3	–4.3	–.2	–	–.6	.3	1.4	.2
1991	–1.8	–.2	.2	–1.8	–.7	1.2	–.8	–1.7	–.1	–.4	–.8	–
1992	–.4	–2.7	.7	–1.8	–.8	–.3	–1.5	–.8	–.8	–1.1	–2.5	2.4
1993	.4	3.7	4.4	–.9	–	2.1	–.3	–	–1.1	–.2	.4	–.8
1994	.5	–1.2	–3.7	–.8	–.8	–1.4	.2	–.3	–.8	–.5	.2	–4.6
1995	1.6	.3	.9	.7	.8	8.8	–	.8	1.7	.8	.5	.7
1996	.4	–	2.7	–.2	1.1	–2.7	2.4	–	–.1	–.8	–.7	–8.5
1997	–1.0	.5	–1.4	1.0	–.3	.5	.2	.5	1.2	1.0	–.8	–.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL OTHER DURABLE GOODS INDUSTRIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	17 737	18 004	18 057	18 197	18 357	18 127	18 086	18 102	17 956	17 718	17 893	18 334
1988	19 002	19 526	19 472	19 252	19 342	19 423	19 781	19 561	19 312	19 264	19 309	19 524
1989	19 867	19 927	19 807	19 734	19 875	19 939	20 160	20 205	20 100	20 109	20 022	19 799
1990	20 197	20 276	20 387	20 584	20 608	20 429	20 521	20 701	20 724	20 510	20 485	20 403
1991	20 588	20 624	20 165	19 741	19 421	19 320	19 325	19 303	19 426	19 330	19 347	19 572
1992	20 043	20 110	20 097	20 292	20 539	20 510	20 513	20 537	20 372	20 414	20 307	20 278
1993	20 616	21 064	21 451	21 942	22 257	22 197	22 183	22 520	22 573	22 777	22 755	22 879
1994	23 877	24 197	24 140	23 900	23 924	23 812	24 033	24 263	24 178	24 173	24 199	24 234
1995	24 832	25 025	24 604	24 836	24 919	24 670	24 857	24 804	25 022	25 389	25 376	25 225
1996	25 734	25 820	25 222	24 882	25 250	25 050	24 944	25 379	25 580	25 608	25 600	25 370
1997	25 885	26 042	25 702	25 754	26 102	25 945	25 987	26 645	26 753	27 024	27 032	26 817
	Seasonally Adjusted—Millions of Dollars											
1987	17 570	17 639	17 807	18 032	18 240	18 145	18 055	18 122	18 152	18 017	18 252	18 496
1988	18 806	19 159	19 242	19 115	19 245	19 455	19 741	19 568	19 501	19 540	19 639	19 700
1989	19 671	19 600	19 617	19 623	19 790	19 982	20 120	20 197	20 263	20 334	20 301	19 982
1990	20 007	19 998	20 233	20 513	20 528	20 467	20 480	20 679	20 854	20 676	20 725	20 622
1991	20 408	20 378	20 026	19 683	19 330	19 346	19 323	19 281	19 527	19 451	19 561	19 808
1992	19 868	19 879	19 967	20 241	20 461	20 533	20 541	20 526	20 458	20 515	20 519	20 531
1993	20 421	20 800	21 318	21 904	22 181	22 247	22 250	22 536	22 662	22 852	22 950	23 131
1994	23 604	23 854	24 009	23 892	23 875	23 908	24 145	24 305	24 256	24 220	24 362	24 494
1995	24 537	24 653	24 511	24 851	24 878	24 786	24 992	24 848	25 083	25 402	25 483	25 466
1996	25 422	25 412	25 164	24 939	25 240	25 216	25 114	25 418	25 610	25 596	25 673	25 593
1997	25 577	25 628	25 671	25 840	26 097	26 118	26 144	26 664	26 766	27 005	27 109	27 045
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.4	1.0	1.3	1.2	−.5	−.5	.4	.2	−.7	1.3	1.3
1988	1.7	1.9	.4	−.7	.7	1.1	1.5	−.9	−.3	.2	.5	.3
1989	−.1	−.4	.1	−	.9	1.0	.7	.4	.3	.4	−.2	−1.6
1990	.1	−	1.2	1.4	.1	−.3	.1	1.0	.8	−.9	.2	−.5
1991	−1.0	−.1	−1.7	−1.7	−1.8	.1	−.1	−.2	1.3	−.4	.6	1.3
1992	.3	.1	.4	1.4	1.1	.4	−	−.1	−.3	.3	−	.1
1993	−.5	1.9	2.5	2.7	1.3	.3	−	1.3	.6	.8	.4	.8
1994	2.0	1.1	.6	−.5	−.1	.1	1.0	.7	−.2	−.1	.6	.5
1995	.2	.5	−.6	1.4	.1	−.4	.8	−.6	.9	1.3	.3	−.1
1996	−.2	−	−1.0	−.9	1.2	−.1	−.4	1.2	.8	−.1	.3	−.3
1997	−.1	.2	.2	.7	1.0	.1	.1	2.0	.4	.9	.4	−.2
	NONDURABLE GOODS INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	111 763	112 517	112 186	112 839	113 454	112 874	113 482	114 883	114 585	115 587	116 249	116 276
1988	118 013	119 172	119 633	121 058	122 011	122 279	123 119	124 469	124 047	125 201	125 674	125 790
1989	127 898	128 714	129 045	131 064	131 584	131 642	132 976	133 712	133 041	133 742	133 895	132 481
1990	135 377	136 374	135 865	136 174	136 590	135 611	137 696	138 911	140 586	142 019	141 593	140 487
1991	142 742	142 785	141 206	141 838	140 641	138 987	138 929	139 324	139 486	140 727	140 671	139 388
1992	140 714	141 140	140 614	141 452	142 071	140 801	142 644	144 352	144 127	145 494	144 047	142 588
1993	145 231	145 112	144 767	146 026	146 537	145 339	145 802	146 806	145 774	146 328	145 399	142 676
1994	144 410	145 465	145 307	146 110	146 829	145 805	148 497	149 205	148 643	150 308	150 012	148 973
1995	152 969	155 496	156 518	158 617	160 182	160 014	161 512	162 098	162 721	162 949	161 606	160 147
1996	162 536	163 652	162 891	163 291	162 191	160 637	161 048	161 566	162 036	163 174	162 628	160 583
1997	162 836	164 660	164 281	165 508	166 416	165 138	165 848	167 186	167 827	169 800	169 689	167 365
	Seasonally Adjusted—Millions of Dollars											
1987	111 527	112 048	112 343	112 294	113 064	113 340	113 540	114 545	115 074	115 540	116 305	117 310
1988	117 662	118 627	119 810	120 461	121 555	122 773	123 142	124 128	124 550	125 192	125 816	126 906
1989	127 451	128 068	129 127	130 490	131 223	132 340	133 047	133 344	133 400	133 513	133 997	133 699
1990	134 906	135 765	136 077	135 647	136 310	136 448	137 758	138 529	140 846	141 466	141 498	141 864
1991	142 262	142 124	141 373	141 366	140 433	139 985	139 060	138 916	139 683	140 009	140 606	140 931
1992	140 346	140 563	140 844	141 017	141 779	141 725	142 650	143 724	144 153	144 704	144 043	144 405
1993	145 037	144 511	144 924	145 594	146 120	146 238	145 775	146 143	145 749	145 571	145 571	144 705
1994	144 431	144 874	145 381	145 607	146 277	146 534	148 420	148 513	148 466	149 471	150 192	151 253
1995	153 224	154 899	156 621	158 055	159 499	160 716	161 351	161 383	162 488	162 159	161 890	162 632
1996	162 890	162 912	162 906	162 662	161 523	161 420	161 095	161 110	161 772	162 282	162 710	162 914
1997	163 124	163 835	164 277	164 834	165 745	165 934	165 934	166 755	167 564	168 899	169 817	169 761
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	.5	.3	−	.7	.2	.2	.9	.5	.4	.7	.9
1988	.3	.8	1.0	.5	.9	1.0	.3	.8	.3	.5	.5	.9
1989	.4	.5	.8	1.1	.8	.9	.5	.2	−	.1	.4	−.2
1990	.9	.6	.2	−.3	.5	.1	1.0	.6	1.7	.4	−	.3
1991	.3	−.1	−.5	−	−.7	−.3	−.7	−.1	.6	.2	.4	.2
1992	−.4	.2	.2	.1	.5	−	.7	.8	.3	.4	−.5	.3
1993	.4	−.4	.3	.5	.4	.1	−.3	.3	−.3	−.1	−	−.6
1994	−.2	.3	.3	.2	.5	.2	1.3	.1	−	.7	.5	.7
1995	1.3	1.1	1.1	.9	.9	.8	.4	−	.7	−.2	−.2	.5
1996	.2	−	−	−.1	−.7	−.1	−.2	−	.4	.3	.3	.1
1997	.1	.4	.3	.3	.6	.1	−	.5	.5	.8	.5	−

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONDURABLE GOODS WITH UNFILLED ORDERS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	26 984	27 648	28 159	28 392	28 701	28 631	28 735	28 955	28 665	28 397	28 555	28 538
1988	29 102	29 689	30 103	30 878	31 278	31 399	31 873	32 198	31 886	31 606	31 754	31 582
1989	32 307	32 691	32 794	33 215	33 823	34 116	34 423	34 359	33 972	33 630	33 558	33 123
1990	33 800	34 245	34 478	34 812	35 063	35 153	35 817	35 552	34 827	34 471	34 322	33 752
1991	34 742	35 334	35 333	35 422	35 110	34 861	34 880	34 468	33 814	33 748	33 540	33 129
1992	34 037	34 215	34 330	34 807	34 867	34 621	35 092	35 383	35 020	34 802	34 367	33 450
1993	34 395	34 476	34 625	35 078	35 202	35 000	35 260	35 417	34 661	34 278	33 881	33 278
1994	33 945	34 554	34 811	35 318	35 525	35 324	36 002	36 079	35 517	35 624	35 550	35 070
1995	36 528	37 492	38 688	39 772	40 510	41 023	41 914	42 075	41 528	41 298	40 881	39 910
1996	40 804	41 241	40 886	40 930	40 572	40 109	40 308	40 307	39 197	39 124	39 073	37 831
1997	38 530	39 334	39 470	40 074	40 459	40 088	40 454	40 670	40 127	39 980	39 730	39 115
	Seasonally Adjusted—Millions of Dollars											
1987	27 418	27 728	28 081	28 029	28 249	28 204	28 225	28 522	28 707	28 832	29 091	29 384
1988	29 528	29 751	30 024	30 496	30 791	30 954	31 277	31 688	31 907	32 083	32 340	32 556
1989	32 760	32 752	32 714	32 821	33 324	33 648	33 766	33 829	34 016	34 110	34 176	34 172
1990	34 213	34 291	34 398	34 400	34 574	34 705	35 120	34 966	34 874	34 886	34 951	34 880
1991	35 183	35 406	35 258	34 989	34 647	34 461	34 194	33 869	33 850	34 069	34 144	34 302
1992	34 460	34 291	34 266	34 367	34 407	34 289	34 407	34 749	35 047	35 076	34 960	34 677
1993	34 854	34 574	34 565	34 612	34 707	34 688	34 568	34 753	34 674	34 506	34 442	34 543
1994	34 424	34 672	34 789	34 855	34 991	35 027	35 301	35 386	35 504	35 836	36 112	36 424
1995	37 102	37 648	38 717	39 284	39 889	40 686	41 103	41 251	41 480	41 542	41 485	41 383
1996	41 424	41 373	40 896	40 440	39 934	39 795	39 590	39 570	39 166	39 338	39 614	39 211
1997	39 106	39 455	39 508	39 618	39 837	39 760	39 735	39 916	40 092	40 193	40 269	40 526
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.4	1.1	1.3	−.2	.8	−.2	.1	1.1	.6	.4	.9	1.0
1988	.5	.8	.9	1.6	1.0	.5	1.0	1.3	.7	.6	.8	.7
1989	.6	–	−.1	.3	1.5	1.0	.4	.2	.6	.3	.2	–
1990	.1	.2	.3	–	.5	.4	1.2	−.4	−.3	–	.2	−.2
1991	.9	.6	−.4	−.8	−1.0	−.5	−.8	−1.0	−.1	.6	.2	.5
1992	.5	−.5	−.1	.3	.1	−.3	.3	1.0	.9	.1	−.3	−.8
1993	.5	−.8	–	.1	.3	−.1	−.3	.5	−.2	−.5	−.2	.3
1994	−.3	.7	.3	.2	.4	.1	.8	.2	.3	.9	.8	.9
1995	1.9	1.5	2.8	1.5	1.5	2.0	1.0	.4	.6	.1	−.1	−.2
1996	.1	−.1	−1.2	−1.1	−1.3	−.3	−.5	−.1	−1.0	.4	.7	−1.0
1997	−.3	.9	.1	.3	.6	−.2	−.1	.5	.4	.3	.2	.8
	FOOD AND KINDRED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	24 552	24 208	23 568	23 599	23 611	23 541	23 621	24 527	25 054	25 905	25 943	25 306
1988	25 387	25 280	24 729	24 810	24 652	24 888	25 190	26 399	26 574	27 639	27 914	27 622
1989	27 694	27 339	26 725	27 154	26 450	28 281	27 096	28 201	28 602	29 349	29 480	28 928
1990	28 959	28 737	28 217	28 181	27 978	27 701	28 549	29 767	30 402	31 427	31 305	30 185
1991	30 509	30 154	29 299	29 318	28 499	28 170	28 466	29 527	30 443	31 560	31 489	30 532
1992	30 446	30 279	29 804	29 254	29 299	29 141	29 897	31 152	31 549	32 839	32 391	31 376
1993	31 664	31 204	30 476	30 347	30 108	29 981	30 475	31 204	31 574	32 703	32 548	31 529
1994	31 750	31 274	31 004	30 873	30 681	30 346	31 362	32 374	33 063	34 405	33 928	32 652
1995	33 318	33 042	32 701	32 252	31 879	31 718	32 385	33 292	34 707	36 225	35 914	34 827
1996	34 951	34 833	34 419	34 358	33 731	33 517	34 109	35 010	36 386	37 569	37 363	35 973
1997	35 821	35 868	35 446	35 279	34 810	34 655	35 011	36 032	37 314	38 792	38 562	37 301
	Seasonally Adjusted—Millions of Dollars											
1987	24 102	24 068	24 075	24 146	24 482	24 759	24 321	24 269	24 740	24 774	24 803	24 860
1988	24 901	25 128	25 254	25 353	25 601	26 200	25 987	26 244	26 229	26 406	26 642	27 122
1989	27 142	27 167	27 230	27 750	27 482	27 651	27 905	27 981	28 083	27 988	28 181	28 459
1990	28 458	28 616	28 782	28 828	29 107	29 125	29 369	29 621	29 874	29 919	29 889	29 714
1991	29 965	30 025	29 845	30 066	29 694	29 650	29 317	29 397	29 893	29 961	30 057	30 099
1992	29 904	30 165	30 341	30 039	30 511	30 604	30 765	31 057	30 916	31 124	30 929	30 996
1993	31 140	31 099	30 976	31 176	31 326	31 457	31 374	31 161	30 928	30 946	31 106	31 201
1994	31 268	31 160	31 435	31 654	31 881	31 790	32 322	32 402	32 346	32 510	32 414	32 332
1995	32 869	32 945	33 153	33 077	33 164	33 263	33 416	33 352	33 897	34 231	34 331	34 527
1996	34 524	34 707	34 842	35 154	35 028	35 084	35 198	35 175	35 496	35 573	35 756	35 697
1997	35 422	35 737	35 866	36 038	36 097	36 248	36 136	36 179	36 331	36 742	36 940	37 026
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.9	−.1	–	.3	1.4	1.1	−1.8	−.2	1.9	.1	.1	.2
1988	.2	.9	.5	.4	1.0	2.3	−.8	1.0	−.1	.7	.9	1.8
1989	.1	.1	.2	1.9	−1.0	.8	.9	.3	.4	−.3	.7	1.0
1990	–	.6	.8	.2	1.0	.1	.8	.9	.9	.2	−.1	−.6
1991	.8	.2	−.6	.7	−1.2	−.1	−1.1	.3	1.7	.2	.3	.1
1992	−.6	.9	.6	−1.0	1.6	.3	.5	.9	−.5	.7	−.6	.2
1993	.5	−.1	−.4	.6	.5	.4	−.3	−.7	−.7	.1	.5	.3
1994	.2	−.3	.9	.7	.7	−.3	1.7	.2	−.2	.5	−.3	−.3
1995	1.7	.2	.6	−.2	.3	.3	.5	−.2	1.6	1.0	.3	.6
1996	–	.5	.4	.9	−.4	.2	.3	−.1	.9	.2	.5	−.2
1997	−.8	.9	.4	.5	.2	.4	−.3	.1	.4	1.1	.5	.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	MEAT PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 199	2 229	2 253	2 299	2 251	2 200	2 199	2 187	2 175	2 235	2 348	2 210
1988	2 382	2 456	2 443	2 467	2 395	2 344	2 433	2 416	2 436	2 517	2 825	2 546
1989	2 617	2 733	2 776	2 835	2 824	2 795	2 698	2 706	2 762	2 781	2 869	2 753
1990	2 888	2 945	2 958	3 055	3 005	3 020	2 980	2 927	2 937	2 971	3 078	2 850
1991	2 940	3 066	3 008	3 108	3 031	2 987	2 987	2 963	2 995	3 105	3 080	2 882
1992	2 915	2 998	3 001	2 948	2 995	3 004	2 986	2 968	2 960	3 118	3 141	2 942
1993	3 089	3 217	3 269	3 285	3 275	3 227	3 301	3 269	3 255	3 263	3 252	3 113
1994	3 266	3 379	3 356	3 491	3 531	3 533	3 622	3 502	3 453	3 423	3 396	3 209
1995	3 371	3 470	3 493	3 441	3 479	3 467	3 459	3 421	3 607	3 622	3 608	3 491
1996	3 677	3 836	3 836	3 906	3 845	3 810	3 754	3 677	3 784	3 841	3 808	3 630
1997	3 696	3 821	3 858	3 966	4 000	3 980	3 943	3 885	3 885	3 921	3 929	3 736
	Seasonally Adjusted—Millions of Dollars											
1987	2 173	2 168	2 220	2 238	2 232	2 224	2 209	2 226	2 248	2 252	2 293	2 282
1988	2 367	2 395	2 405	2 394	2 375	2 363	2 446	2 479	2 499	2 538	2 567	2 640
1989	2 614	2 673	2 733	2 748	2 799	2 806	2 712	2 771	2 820	2 798	2 807	2 864
1990	2 907	2 888	2 913	2 962	2 972	3 021	2 990	2 989	2 988	2 982	3 020	2 974
1991	2 974	3 015	2 968	3 021	2 994	2 977	2 988	3 009	3 038	3 109	3 033	3 022
1992	2 959	2 954	2 963	2 873	2 953	2 987	2 977	2 998	2 990	3 120	3 112	3 099
1993	3 140	3 172	3 225	3 209	3 224	3 203	3 285	3 297	3 280	3 261	3 242	3 290
1994	3 323	3 332	3 305	3 414	3 467	3 501	3 602	3 535	3 472	3 419	3 406	3 397
1995	3 427	3 419	3 439	3 362	3 408	3 427	3 442	3 461	3 628	3 619	3 631	3 700
1996	3 734	3 774	3 777	3 811	3 759	3 761	3 739	3 731	3 804	3 841	3 838	3 849
1997	3 748	3 753	3 801	3 883	3 908	3 927	3 931	3 951	3 911	3 921	3 956	3 961
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.0	–.2	2.4	.8	–.3	–.4	–.7	.8	1.0	.2	1.8	–.5
1988	3.7	1.2	.4	–.5	–.8	–.5	3.5	1.3	.8	1.5	1.2	2.8
1989	–1.0	2.3	2.2	.5	1.9	.3	–3.3	2.2	1.8	–.8	.3	2.0
1990	1.5	–.7	.9	1.7	.3	1.6	–1.0	–	–	–.2	1.3	–1.5
1991	–	1.4	–1.6	1.8	–.9	–.6	.4	.7	1.0	2.3	–2.4	–.4
1992	–2.1	–.2	.3	–3.0	2.8	1.2	–.3	.7	–.3	4.3	–.3	–.4
1993	1.3	1.0	1.7	–.5	.5	–.7	2.6	.4	–.5	–.6	–.6	1.5
1994	1.0	.3	–.8	3.3	1.6	1.0	2.9	–1.9	–1.8	–1.5	–.4	–.3
1995	.9	–.2	.6	–2.2	1.4	.6	.4	.6	4.8	–.2	.3	1.9
1996	.9	1.1	.1	.9	–1.4	.1	–.6	–.2	2.0	1.0	–.1	.3
1997	–2.6	.1	1.3	1.6	1.2	.5	.1	.5	–1.0	.3	.9	.1
	DAIRY PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 991	1 977	2 055	2 089	2 152	2 125	2 144	2 179	2 114	2 139	2 074	2 032
1988	2 045	2 069	2 043	2 095	2 139	2 073	2 132	2 107	2 091	2 123	2 129	2 170
1989	2 261	2 311	2 303	2 360	2 396	2 378	2 452	2 397	2 345	2 374	2 369	2 415
1990	2 491	2 449	2 564	2 640	2 708	2 774	2 888	2 873	2 837	2 727	2 645	2 552
1991	2 533	2 583	2 582	2 620	2 535	2 493	2 498	2 536	2 471	2 487	2 484	2 428
1992	2 464	2 531	2 590	2 730	2 810	2 884	2 901	2 925	2 779	2 704	2 596	2 498
1993	2 628	2 605	2 623	2 788	2 958	2 929	2 920	2 882	2 757	2 772	2 687	2 577
1994	2 656	2 625	2 648	2 783	2 824	2 797	2 782	2 781	2 723	2 735	2 675	2 605
1995	2 722	2 729	2 798	2 962	2 800	2 837	2 914	2 823	2 752	2 875	2 836	2 901
1996	3 002	2 887	2 768	3 011	3 023	3 158	3 404	3 399	3 471	3 488	3 225	3 157
1997	3 046	3 194	3 298	3 490	3 443	3 501	3 467	3 422	3 384	3 415	3 381	3 303
	Seasonally Adjusted—Millions of Dollars											
1987	2 017	2 013	2 081	2 056	2 096	2 103	2 094	2 147	2 133	2 141	2 115	2 094
1988	2 068	2 110	2 053	2 065	2 086	2 050	2 074	2 068	2 105	2 128	2 173	2 244
1989	2 285	2 363	2 321	2 329	2 341	2 345	2 374	2 341	2 352	2 383	2 424	2 512
1990	2 521	2 511	2 594	2 603	2 649	2 720	2 784	2 793	2 836	2 740	2 712	2 672
1991	2 569	2 657	2 823	2 579	2 479	2 428	2 402	2 457	2 465	2 498	2 551	2 557
1992	2 508	2 610	2 636	2 678	2 744	2 798	2 786	2 831	2 773	2 709	2 666	2 647
1993	2 682	2 688	2 675	2 730	2 888	2 838	2 801	2 793	2 750	2 769	2 761	2 734
1994	2 715	2 708	2 701	2 718	2 781	2 712	2 666	2 704	2 719	2 724	2 750	2 760
1995	2 781	2 813	2 848	2 889	2 743	2 757	2 793	2 753	2 747	2 860	2 921	3 069
1996	3 065	2 971	2 810	2 930	2 968	3 076	3 266	3 323	3 468	3 471	3 324	3 333
1997	3 105	3 280	3 343	3 395	3 382	3 415	3 331	3 349	3 380	3 402	3 490	3 484
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	–.2	2.4	–.2	1.9	.3	–.4	2.5	–.7	.4	–1.2	–1.0
1988	–1.2	2.0	–2.7	.6	1.0	–1.7	1.2	–.3	1.8	1.1	2.1	3.3
1989	1.8	3.4	–1.8	.3	.5	.2	1.2	–1.4	.5	1.3	1.7	3.6
1990	.4	–.4	3.3	.3	1.8	2.7	2.4	.3	1.5	–3.4	–1.0	–1.5
1991	–3.9	3.4	–1.3	–1.7	–3.9	–2.1	–1.1	2.3	.3	1.3	2.1	.2
1992	–1.9	4.1	1.0	1.6	2.5	2.0	–.4	1.6	–2.0	–2.3	–1.6	–.7
1993	1.3	.2	–.5	2.1	5.8	–1.7	–1.3	–.3	–1.5	.7	–.3	–1.0
1994	–.7	–.3	–.3	.8	1.6	–1.8	–1.7	1.4	.6	.2	1.0	.4
1995	.8	1.2	1.2	1.4	–5.1	.5	1.3	–1.4	–.2	4.1	2.1	5.1
1996	–.1	–3.1	–5.4	4.3	1.3	3.6	6.2	1.7	4.4	.1	–4.2	.3
1997	–6.8	5.6	1.9	1.6	–.4	1.0	–2.5	.5	.9	.7	2.6	–.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	BEVERAGES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1967	4 629	4 676	4 676	4 704	4 607	4 552	4 408	4 378	4 462	4 519	4 516	4 553
1988	4 593	4 570	4 546	4 626	4 658	4 575	4 586	4 597	4 758	4 756	4 840	4 939
1989	4 819	4 902	4 996	5 079	5 099	4 996	4 984	4 978	5 122	5 205	5 203	5 187
1990	5 242	5 414	5 394	5 376	5 308	5 218	5 255	5 277	5 341	5 387	5 342	5 257
1991	5 386	5 412	5 402	5 406	5 292	5 320	5 209	5 143	5 307	5 385	5 412	5 426
1992	5 393	5 385	5 473	5 498	5 547	5 572	5 589	5 600	5 754	5 627	5 795	5 708
1993	5 626	5 612	5 634	5 749	5 717	5 684	5 621	5 593	5 686	5 743	5 803	5 721
1994	5 800	5 792	5 777	5 846	5 841	5 858	5 851	5 844	6 002	6 112	6 098	5 902
1995	6 088	6 163	6 264	6 287	6 306	6 260	6 267	6 169	6 543	6 663	6 650	6 489
1996	6 556	6 687	6 885	6 657	6 864	6 898	6 872	6 985	7 332	7 461	7 341	7 199
1997	7 331	7 391	7 320	7 420	7 417	7 311	7 316	7 464	7 992	8 181	6 134	7 671
	Seasonally Adjusted—Millions of Dollars											
1967	4 593	4 596	4 611	4 591	4 546	4 565	4 476	4 476	4 526	4 554	4 555	4 560
1988	4 565	4 506	4 486	4 532	4 612	4 602	4 666	4 705	4 767	4 763	4 850	4 945
1989	4 795	4 849	4 937	4 993	5 063	5 038	5 073	5 093	5 131	5 186	5 185	5 193
1990	5 228	5 377	5 338	5 303	5 284	5 260	5 345	5 396	5 339	5 342	5 304	5 263
1991	5 382	5 392	5 359	5 349	5 282	5 359	5 287	5 247	5 297	5 324	5 361	5 439
1992	5 393	5 377	5 445	5 451	5 546	5 604	5 666	5 710	5 734	5 743	5 727	5 722
1993	5 629	5 613	5 618	5 713	5 722	5 716	5 699	5 700	5 649	5 641	5 725	5 744
1994	5 809	5 797	5 769	5 615	5 847	5 902	5 944	5 961	5 940	5 976	6 004	5 940
1995	6 099	6 167	6 259	6 261	6 316	6 326	8 385	6 295	6 448	6 487	8 538	6 548
1996	6 566	6 685	6 878	6 833	6 885	6 995	7 025	7 140	7 197	7 235	7 202	7 273
1997	7 339	7 390	7 310	7 400	7 449	7 431	7 500	7 636	7 823	7 909	7 970	7 954
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.1	.1	.3	–.4	–1.0	.4	–1.9	–	1.2	.6	–	.1
1988	.1	–1.3	–.4	1.0	1.6	–.2	1.4	.6	1.7	–.5	1.8	2.0
1989	–3.0	1.1	1.8	1.1	1.4	–.5	.7	.4	.7	1.1	–	.2
1990	.7	2.9	–.7	–.7	–.4	–.5	1.6	1.0	–1.1	.1	–.7	–.8
1991	2.3	.2	–.6	–.2	–1.3	1.5	–1.3	–.8	1.0	.5	.7	1.5
1992	–.8	–.3	1.3	.1	1.7	1.0	1.1	.6	.4	.2	–.3	–.1
1993	–1.6	–.3	.1	1.7	.2	–.1	–.3	–	–.9	–.1	1.5	.3
1994	1.1	–.2	–.5	.8	.6	.9	.7	.3	–.4	.6	.4	–1.1
1995	2.7	1.1	1.5	–	.9	.2	.9	–1.4	2.4	.6	.8	.2
1996	.3	1.8	2.9	–.7	.8	1.6	.4	1.6	.8	.5	–.5	1.0
1997	.9	.7	–1.1	1.2	.7	–.2	.9	1.8	2.4	1.1	.6	–.2
	ALL OTHER FOODS EXCEPT FATS AND OILS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	14 635	14 179	13 537	13 385	13 410	13 474	13 656	14 841	15 059	15 629	15 374	14 985
1988	14 856	14 625	14 101	13 934	13 731	13 889	14 435	15 667	15 812	16 350	16 171	15 671
1989	15 660	15 336	14 676	14 949	14 569	14 712	15 669	16 981	17 264	17 725	17 639	17 111
1990	17 036	16 642	15 992	15 732	15 626	15 397	16 129	17 326	17 916	18 537	18 429	17 947
1991	17 939	17 386	16 680	16 567	16 120	15 880	16 339	17 575	16 264	16 953	16 663	16 213
1992	18 085	17 835	17 179	16 613	16 446	16 255	17 055	18 327	18 839	19 574	19 282	18 677
1993	18 727	18 253	17 471	17 082	16 747	16 703	17 144	18 092	18 627	19 276	19 162	16 333
1994	18 189	17 678	17 259	16 812	16 563	16 423	17 422	18 788	19 523	20 441	20 042	19 244
1995	19 420	18 992	18 553	18 065	17 809	17 750	18 289	19 476	20 323	21 256	20 937	20 061
1996	19 776	19 449	18 979	16 603	18 087	17 788	18 216	19 188	20 303	20 870	20 772	20 041
1997	19 619	19 330	18 871	18 524	18 156	18 128	18 667	19 768	20 579	21 258	21 024	20 477
	Seasonally Adjusted—Millions of Dollars											
1967	14 323	14 221	14 163	14 170	14 369	14 621	14 396	14 324	14 366	14 478	14 406	14 507
1988	14 515	14 659	14 760	14 740	14 760	15 075	14 992	15 148	15 066	15 147	15 159	15 345
1989	15 279	15 351	15 333	15 622	15 690	15 988	16 296	16 471	16 465	16 410	16 525	16 529
1990	16 589	16 625	18 676	16 654	16 849	16 760	16 811	16 882	17 082	17 142	17 229	17 331
1991	17 450	17 341	17 337	17 549	17 396	17 314	17 072	17 192	17 412	17 494	17 607	17 600
1992	17 570	17 780	17 807	17 606	17 752	17 720	17 858	17 998	17 961	16 021	17 969	16 069
1993	18 211	18 199	18 049	16 107	18 074	18 195	17 990	17 614	17 750	17 709	17 845	17 746
1994	17 723	17 644	17 795	17 796	17 670	17 856	16 305	16 542	16 594	16 765	18 648	18 629
1995	16 980	18 982	19 099	19 092	19 195	19 274	19 235	19 252	19 339	19 514	19 482	19 408
1996	19 374	19 461	19 529	19 620	19 471	19 289	19 167	19 000	19 315	19 171	19 325	19 368
1997	19 260	19 349	19 413	19 509	19 526	19 653	19 645	19 590	19 572	19 546	19 565	19 768
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.5	–.7	–.4	–	1.5	1.6	–1.5	–.5	.3	.6	–.5	.7
1988	.1	1.0	.7	–.1	.1	2.1	–.6	1.0	–.4	.4	.1	1.2
1989	–.4	.5	–.1	3.2	–.8	1.9	1.9	1.1	–	–.3	.7	–
1990	.4	.2	.3	–.1	1.2	–.5	.3	.4	1.2	.4	.5	.6
1991	.7	–.6	–	1.2	–.9	–.5	–1.4	.7	1.3	.5	.6	–
1992	–.2	1.2	.2	–1.1	.8	–.2	.6	.8	–.2	.3	–.3	.6
1993	.8	–.1	–.8	.3	–.2	.7	–1.1	–1.0	–.4	–.2	.8	–.5
1994	–.1	–.4	.9	–	.4	–.1	2.5	1.3	.3	.9	–.6	–.1
1995	1.9	–	.6	–	.5	.4	–.2	.1	.5	.9	–.2	–.4
1996	–.2	.4	.3	.5	–.8	–.9	–.8	–.9	1.7	–.7	.8	.2
1997	–.6	.5	.3	.5	.1	.7	–	–.3	–.1	–.1	.1	1.0

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	TOBACCO PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 825	5 743	5 618	5 566	5 456	5 281	5 169	5 194	5 328	5 419	5 362	5 562
1988	5 729	5 636	5 501	5 451	5 186	4 996	4 945	5 069	5 202	5 474	5 337	5 475
1989	5 385	5 426	5 257	5 270	5 128	5 023	5 080	5 211	5 354	5 801	5 579	5 734
1990	6 153	6 183	5 901	5 844	5 544	5 436	5 374	5 609	5 758	5 912	5 727	6 121
1991	6 627	6 622	8 278	6 468	6 091	5 909	6 077	6 193	6 213	6 438	6 154	8 504
1992	6 916	6 902	6 513	6 706	6 545	5 994	8 239	6 604	8 449	8 808	8 606	6 871
1993	7 138	7 133	6 865	8 734	6 567	6 460	8 378	8 536	8 640	8 692	8 617	8 575
1994	6 477	6 316	8 257	6 092	5 918	5 727	5 630	5 598	5 723	5 755	5 772	6 063
1995	6 125	6 186	5 699	5 554	5 322	5 188	5 212	5 472	5 828	5 878	5 775	8 100
1996	6 241	6 170	5 797	5 572	5 377	5 224	5 077	5 326	5 593	5 868	5 987	8 258
1997	6 324	6 247	5 849	5 795	5 595	5 370	5 349	5 479	5 553	5 890	8 018	8 149
	Seasonally Adjusted—Millions of Dollars											
1987	5 423	5 418	5 462	5 474	5 573	5 639	5 587	5 536	5 455	5 342	5 338	5 331
1988	5 325	5 315	5 370	5 362	5 314	5 320	5 311	5 348	5 328	5 407	5 339	5 288
1989	4 998	5 108	5 151	5 177	5 269	5 349	5 425	5 444	5 479	5 533	5 607	5 570
1990	5 707	5 810	5 805	5 740	5 711	5 791	5 710	5 817	5 885	5 839	5 771	5 974
1991	6 157	8 207	6 184	6 360	8 277	6 298	8 448	8 404	8 345	8 360	8 198	6 342
1992	6 437	6 453	8 428	8 821	8 754	6 390	8 619	8 831	6 578	6 733	6 633	6 668
1993	6 650	6 651	8 770	8 684	6 787	6 897	8 795	8 785	6 770	8 613	8 608	8 322
1994	6 031	5 879	6 170	8 088	6 131	8 124	6 033	5 841	5 835	5 680	5 720	5 782
1995	5 691	5 749	5 617	5 580	5 530	5 559	5 621	5 742	5 944	5 800	5 686	5 775
1996	5 776	5 725	5 716	5 612	5 604	5 616	5 502	5 608	5 713	5 783	5 871	5 904
1997	5 829	5 796	5 770	5 835	5 836	5 790	5 814	5 779	5 680	5 798	5 890	5 797
	Seasonally Adjusted—Percent Change From Previous Period											
1987	-.5	-.1	.8	.2	1.8	1.2	-.9	-.9	-1.5	-2.1	-.1	-.1
1988	-.1	-.2	1.0	-.1	-.9	.1	-.2	.7	-.4	1.5	-1.3	-1.0
1989	-5.4	2.2	.8	.5	1.8	1.5	1.4	.4	.6	1.0	1.3	-.7
1990	2.5	1.8	-.1	-1.1	-.5	1.4	-1.4	1.9	1.2	-.8	-1.2	3.5
1991	3.1	.8	-.4	2.8	-1.3	.3	2.3	-.7	-.9	.2	-2.5	2.3
1992	1.5	.2	-.4	3.0	2.0	-5.4	3.8	3.2	-3.7	2.4	-1.5	.5
1993	-.3	-	1.8	-1.3	1.5	1.6	-1.5	-.1	-.2	-2.3	-.1	-4.3
1994	-4.6	-2.5	4.9	-1.3	.7	-.1	-1.5	-3.2	-.1	-2.7	.7	1.1
1995	-1.6	1.0	-2.3	-.7	-.9	.5	1.1	2.2	3.5	-2.4	-2.0	1.6
1996	-	-.9	-.2	-1.8	-.1	.2	-2.0	1.9	1.9	1.2	1.5	.6
1997	-1.3	-.6	-.4	1.1	-	-.8	.4	-.6	-1.7	2.1	1.6	-1.6
	TEXTILE MILL PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 173	7 465	7 858	7 731	7 733	7 677	7 695	7 831	7 671	7 675	7 704	7 643
1988	7 942	8 062	8 145	8 337	8 418	8 401	8 499	8 403	8 068	8 085	8 148	8 049
1989	8 311	8 406	8 305	8 570	8 740	8 817	8 768	8 758	8 504	8 483	8 360	8 349
1990	8 659	8 897	8 924	9 110	9 189	8 938	9 001	8 918	8 777	8 712	8 542	8 339
1991	8 676	8 783	8 580	8 882	8 736	8 496	8 600	8 498	8 437	8 394	8 184	8 085
1992	8 483	8 649	8 580	8 705	8 888	8 729	8 892	8 853	8 670	8 596	8 486	8 297
1993	8 693	8 844	8 832	9 099	9 271	9 019	9 092	9 022	8 883	8 874	8 936	8 821
1994	9 423	9 623	9 580	9 788	9 891	9 655	9 770	9 653	9 414	9 463	9 520	9 346
1995	9 816	10 041	10 081	10 369	10 522	10 327	10 413	10 330	10 088	10 101	10 122	9 841
1996	10 206	10 344	10 150	10 314	10 319	9 995	10 043	10 030	9 707	9 697	9 734	9 479
1997	9 943	10 048	10 008	10 325	10 370	10 181	10 284	10 269	9 997	10 002	9 927	9 743
	Seasonally Adjusted—Millions of Dollars											
1987	7 247	7 423	7 589	7 551	7 514	7 545	7 563	7 772	7 791	7 862	7 927	7 939
1988	8 014	8 004	8 069	8 137	8 175	8 279	8 343	8 328	8 187	8 277	8 387	8 384
1989	8 374	8 334	8 248	8 370	8 482	8 506	8 593	8 666	8 623	8 873	8 606	8 721
1990	8 717	8 807	8 881	8 906	8 907	8 834	8 817	8 818	8 890	8 894	8 798	8 732
1991	8 730	8 680	8 545	8 488	8 462	8 406	8 427	8 409	8 548	8 568	8 425	8 484
1992	8 526	8 533	8 537	8 499	8 578	8 640	8 718	8 771	8 810	8 784	8 732	8 710
1993	8 730	8 718	8 784	8 872	8 963	8 928	8 921	8 943	9 042	9 076	9 180	9 264
1994	9 481	9 486	9 526	9 532	9 563	9 581	9 602	9 578	9 599	9 677	9 756	9 804
1995	9 843	9 897	10 026	10 094	10 180	10 237	10 251	10 250	10 298	10 324	10 347	10 308
1996	10 228	10 202	10 102	10 042	9 992	9 918	9 899	9 948	9 908	9 907	9 941	9 915
1997	9 958	9 911	9 967	10 060	10 048	10 105	10 121	10 178	10 197	10 213	10 138	10 184
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	2.4	2.0	-.2	-.5	.4	.2	2.8	.2	.9	.8	.2
1988	.9	-.1	.8	.8	.5	1.3	.8	-.2	-1.7	1.1	1.3	-
1989	-.1	-.5	-1.1	1.5	1.3	.3	1.0	.8	-.5	.6	-.8	1.3
1990	-	1.0	.8	.3	-	-.8	-.2	-	.8	-	-1.1	-.8
1991	-	-.8	-1.8	-.7	-.3	-.7	.2	-.2	1.7	.2	-1.6	.7
1992	.5	.1	-	-.4	.9	.7	.9	.6	.4	-.3	-.6	-.3
1993	.2	-.2	.8	1.0	1.0	-.4	-.1	.2	1.1	.4	1.1	.9
1994	2.1	.3	.4	.1	.3	-	.4	-.3	.2	.8	.8	.5
1995	.4	.5	1.3	.7	.9	.6	.1	-	.5	.3	.2	-.4
1996	-.8	-.2	-1.0	-.6	-.5	-.8	-.2	.5	-.4	-	.3	-.3
1997	.4	-.5	.6	.9	-.1	.6	.2	.8	.2	.2	-.7	.5

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	BROADWOVEN FABRICS AND OTHER TEXTILES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 274	4 451	4 515	4 577	4 521	4 489	4 579	4 709	4 573	4 573	4 677	4 625
1988	4 806	4 859	4 923	5 018	5 072	5 098	5 125	5 065	4 891	4 874	4 978	4 914
1989	5 095	5 109	5 055	5 187	5 274	5 232	5 285	5 258	5 141	5 145	5 171	5 129
1990	5 271	5 404	5 380	5 464	5 476	5 317	5 369	5 305	5 239	5 294	5 249	5 091
1991	5 296	5 418	5 277	5 365	5 366	5 219	5 277	5 214	5 064	5 091	5 117	5 004
1992	5 258	5 318	5 270	5 312	5 339	5 215	5 431	5 398	5 279	5 320	5 267	5 113
1993	5 334	5 370	5 380	5 521	5 590	5 388	5 399	5 330	5 250	5 320	5 407	5 301
1994	5 620	5 737	5 681	5 823	5 861	5 717	5 808	5 754	5 623	5 738	5 801	5 680
1995	5 977	6 110	6 125	6 313	6 404	6 334	6 476	6 449	6 288	6 335	6 381	6 191
1996	6 413	6 499	6 348	6 450	6 430	6 234	6 270	6 255	6 029	6 053	6 130	5 950
1997	6 239	6 262	6 159	6 338	6 357	6 239	6 302	6 316	6 138	6 181	6 205	6 135
	Seasonally Adjusted—Millions of Dollars											
1987	4 305	4 416	4 452	4 473	4 430	4 437	4 520	4 695	4 662	4 695	4 759	4 755
1988	4 828	4 810	4 866	4 902	4 964	5 050	5 054	5 047	4 989	5 003	5 062	5 068
1989	5 104	5 048	5 008	5 073	5 157	5 192	5 206	5 236	5 247	5 269	5 255	5 308
1990	5 269	5 328	5 341	5 349	5 348	5 288	5 290	5 284	5 349	5 405	5 331	5 283
1991	5 287	5 333	5 244	5 251	5 238	5 199	5 201	5 199	5 173	5 184	5 195	5 205
1992	5 246	5 227	5 238	5 194	5 210	5 203	5 356	5 385	5 398	5 409	5 342	5 325
1993	5 318	5 275	5 351	5 395	5 454	5 379	5 327	5 317	5 376	5 408	5 477	5 521
1994	5 598	5 638	5 655	5 687	5 718	5 708	5 735	5 737	5 763	5 836	5 870	5 909
1995	5 950	6 004	6 105	6 167	6 246	6 326	6 400	6 425	6 447	6 447	6 450	6 432
1996	6 379	6 386	6 337	6 303	6 273	6 229	6 202	6 226	6 181	6 164	6 194	6 172
1997	6 200	6 151	6 155	6 200	6 206	6 238	6 237	6 281	6 290	6 294	6 270	6 357
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.7	2.6	.8	.5	−1.0	.2	1.9	3.9	−.7	.7	1.4	−.1
1988	1.5	−.4	1.2	.7	1.3	1.7	.1	−.1	−1.1	.3	1.2	.1
1989	.7	−1.1	−.8	1.3	1.7	.7	.3	.6	.2	.4	−.3	1.0
1990	−.7	1.1	.2	.1	–	−1.1	–	−.1	1.2	1.0	−1.4	−.9
1991	.1	.9	−1.7	.1	−.2	−.7	–	–	−.5	.2	.2	.2
1992	.8	−.4	.2	−.8	.3	−.1	2.9	.5	.2	.2	−1.2	−.3
1993	−.1	−.8	1.4	.8	1.1	−1.4	−1.0	−.2	1.1	.6	1.3	.8
1994	1.4	.7	.3	.6	.5	−.2	.5	–	.5	1.3	.6	.7
1995	.7	.9	1.7	1.0	1.3	1.3	1.2	.4	.3	–	–	−.3
1996	−.8	.1	−.8	−.5	−.5	−.7	−.4	.4	−.7	−.3	.5	−.4
1997	.5	−.8	.1	.7	.1	.5	–	.7	.1	.1	−.4	1.4
	PAPER AND ALLIED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	10 410	10 608	10 838	10 906	11 014	10 966	10 854	10 867	10 775	10 721	10 836	11 111
1988	11 256	11 331	11 389	11 589	11 642	11 681	11 702	11 787	11 819	11 891	12 180	12 431
1989	12 557	12 600	12 650	12 789	12 944	13 146	13 202	13 237	13 141	13 116	13 226	13 320
1990	13 623	13 671	13 613	13 665	13 675	13 697	13 647	13 416	13 282	13 186	13 328	13 526
1991	13 856	14 042	14 067	14 091	13 923	13 696	13 551	13 228	13 157	13 258	13 490	13 651
1992	13 994	14 023	14 069	14 248	14 276	14 022	14 024	14 012	13 892	13 944	14 083	13 843
1993	14 120	14 217	14 250	14 359	14 311	14 082	14 045	14 100	13 784	13 757	13 765	13 795
1994	13 903	14 131	14 164	14 315	14 360	14 165	14 209	14 256	14 086	14 030	14 169	14 290
1995	14 777	15 158	15 546	15 979	16 226	16 495	16 740	16 831	16 917	17 027	17 031	17 173
1996	17 354	17 512	17 454	17 215	16 888	16 426	16 373	16 433	16 199	16 005	15 926	15 887
1997	15 987	15 993	16 110	16 039	16 059	15 622	15 663	15 760	15 845	15 737	15 845	16 108
	Seasonally Adjusted—Millions of Dollars											
1987	10 394	10 541	10 731	10 714	10 843	10 844	10 845	10 932	10 981	10 975	10 985	11 163
1988	11 214	11 235	11 269	11 391	11 478	11 566	11 684	11 862	12 042	12 186	12 360	12 495
1989	12 492	12 463	12 511	12 571	12 769	13 026	13 181	13 336	13 391	13 438	13 427	13 404
1990	13 528	13 509	13 459	13 424	13 490	13 589	13 630	13 521	13 547	13 491	13 526	13 640
1991	13 759	13 868	13 907	13 828	13 719	13 605	13 541	13 321	13 417	13 543	13 690	13 796
1992	13 895	13 855	13 895	13 971	14 054	13 970	14 019	14 094	14 157	14 223	14 286	14 010
1993	14 046	14 056	14 071	14 081	14 077	14 054	14 049	14 154	14 016	14 009	13 959	13 972
1994	13 858	13 979	13 986	14 050	14 123	14 168	14 226	14 284	14 284	14 268	14 370	14 463
1995	14 749	14 999	15 358	15 706	15 968	16 521	16 772	16 852	17 107	17 308	17 274	17 352
1996	17 307	17 316	17 241	16 943	16 633	16 485	16 429	16 457	16 369	16 257	16 144	16 032
1997	15 926	15 812	15 918	15 797	15 829	15 682	15 728	15 794	16 016	15 982	16 054	16 240
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.4	1.4	1.8	−.2	1.2	–	–	.8	.4	−.1	.1	1.6
1988	.5	.2	.3	1.1	.8	.8	1.0	1.5	1.5	1.2	1.4	1.1
1989	–	−.2	.4	.5	1.6	2.0	1.2	1.2	.4	.4	−.1	−.2
1990	.9	−.1	−.4	−.3	.5	.7	.3	−.8	.2	−.4	.3	.8
1991	.9	.8	.3	−.6	−.8	−.8	−.5	−1.6	.7	.9	1.1	.8
1992	.7	−.3	.3	.5	.6	−.6	.4	.5	.4	.5	.4	−1.9
1993	.3	.1	.1	.1	–	−.2	–	.7	−1.0	–	−.4	.1
1994	−.8	.9	.1	.5	.5	.3	.4	.4	–	−.1	.7	.6
1995	2.0	1.7	2.4	2.3	1.7	3.5	1.5	.5	1.5	1.2	−.2	.5
1996	−.3	.1	−.4	−1.7	−1.8	−.9	−.3	.2	−.5	−.7	−.7	−.7
1997	−.7	−.7	.7	−.8	.2	−.9	.3	.4	1.4	−.2	.5	1.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	PULP, PAPER, AND PAPERBOARD MILL PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	3 805	3 883	3 909	3 901	3 928	3 900	3 848	3 831	3 787	3 758	3 808	3 998
1988	4 205	4 138	4 116	4 139	4 117	4 125	4 143	4 166	4 189	4 204	4 308	4 449
1989	4 666	4 695	4 740	4 783	4 822	4 795	4 818	4 823	4 798	4 879	4 887	4 947
1990	5 048	5 078	5 016	5 055	5 061	5 064	5 109	5 078	5 041	5 005	5 092	5 247
1991	5 346	5 437	5 458	5 472	5 456	5 314	5 280	5 214	5 195	5 197	5 301	5 471
1992	5 695	5 731	5 681	5 801	5 847	5 806	5 738	5 778	5 720	5 772	5 802	5 650
1993	5 745	5 771	5 763	5 785	5 774	5 679	5 677	5 708	5 632	5 630	5 817	5 651
1994	5 762	5 812	5 877	5 905	5 896	5 716	5 664	5 643	5 509	5 440	5 455	5 435
1995	5 624	5 714	5 807	5 956	6 059	8 100	6 293	6 544	6 693	6 830	7 004	7 114
1996	7 284	7 430	7 446	7 195	7 005	6 824	6 822	6 888	6 742	8 618	6 585	8 484
1997	6 553	6 625	6 538	8 515	6 531	6 337	6 345	6 418	6 425	6 356	6 455	8 493
	Seasonally Adjusted—Millions of Dollars											
1987	3 742	3 803	3 835	3 840	3 877	3 884	3 862	3 892	3 893	3 859	3 877	4 001
1988	4 131	4 045	4 038	4 072	4 065	4 116	4 164	4 231	4 302	4 319	4 389	4 453
1989	4 582	4 585	4 658	4 702	4 759	4 791	4 843	4 891	4 919	5 010	4 980	4 955
1990	4 962	4 965	4 934	4 967	4 990	5 064	5 137	5 141	5 158	5 129	5 190	5 264
1991	5 266	5 326	5 376	5 374	5 374	5 317	5 308	5 265	5 304	5 314	5 399	5 502
1992	5 621	5 627	5 592	5 696	5 754	5 823	5 773	5 821	5 829	5 892	5 896	5 692
1993	5 683	5 674	5 675	5 683	5 684	5 708	5 719	5 735	5 723	5 733	5 696	5 704
1994	5 709	5 716	5 789	5 808	5 809	5 761	5 716	5 657	5 583	5 529	5 519	5 490
1995	5 575	5 615	5 722	5 868	5 979	6 164	6 359	6 552	6 767	6 937	7 072	7 184
1996	7 219	7 294	7 339	7 099	6 922	6 907	6 899	6 897	6 808	6 723	6 642	6 540
1997	6 488	6 497	6 445	6 436	6 461	6 418	6 420	6 430	6 487	6 459	6 508	6 544
	Seasonally Adjusted—Percent Change From Previous Period											
1987	-.8	1.6	.8	.1	1.0	.2	-.6	.8	-	-.9	.5	3.2
1988	3.2	-2.1	-.2	.8	-.2	1.3	1.2	1.6	1.7	.4	1.6	1.5
1989	2.9	.1	1.6	.9	1.2	.7	1.1	1.0	.6	1.8	-.6	-.5
1990	.1	.1	-.6	.7	.5	1.5	1.4	.1	.3	-.6	1.2	1.4
1991	-	1.1	.9	-	-	-1.1	-.2	-.8	.7	.2	1.6	1.9
1992	2.2	.1	-.6	1.9	1.0	1.2	-.9	.8	.1	1.1	.1	-3.5
1993	-.2	-.2	-	.1	-	.4	.2	.3	-.2	.2	-.6	.1
1994	.1	.1	1.3	.3	-	-.8	-.8	-1.0	-1.3	-1.0	-.2	-.5
1995	1.5	.7	1.9	2.6	1.9	3.1	3.2	3.0	3.3	2.5	1.9	1.6
1996	.5	1.0	.6	-3.3	-2.5	-.2	-.1	-	-1.3	-1.2	-1.2	-1.5
1997	-.8	.1	-.8	-.1	.4	-.7	-	.2	.9	-.4	.8	.6
	PAPERBOARD CONTAINERS AND BOXES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 756	2 810	2 865	2 875	2 919	2 877	2 884	2 948	2 949	2 940	2 967	2 961
1988	2 922	2 951	3 016	3 114	3 159	3 113	3 161	3 180	3 186	3 177	3 195	3 273
1989	3 225	3 193	3 196	3 276	3 305	3 344	3 470	3 502	3 570	3 511	3 494	3 549
1990	3 681	3 589	3 606	3 615	3 524	3 475	3 471	3 374	3 345	3 247	3 234	3 379
1991	3 405	3 430	3 429	3 349	3 281	3 284	3 275	3 233	3 259	3 231	3 300	3 427
1992	3 447	3 347	3 378	3 401	3 411	3 392	3 449	3 389	3 369	3 301	3 342	3 451
1993	3 528	3 525	3 502	3 476	3 450	3 455	3 459	3 401	3 365	3 340	3 330	3 388
1994	3 325	3 442	3 434	3 441	3 417	3 428	3 468	3 489	3 517	3 497	3 577	3 713
1995	3 862	4 054	4 148	4 313	4 386	4 544	4 748	4 686	4 675	4 526	4 483	4 467
1996	4 413	4 411	4 320	4 264	4 128	3 976	3 933	3 912	3 949	3 867	3 839	3 976
1997	3 985	3 999	4 095	4 012	3 977	3 819	3 863	3 862	3 889	3 866	3 890	4 082
	Seasonally Adjusted—Millions of Dollars											
1987	2 729	2 802	2 842	2 832	2 894	2 880	2 888	2 949	2 967	3 005	3 033	2 942
1988	2 887	2 938	2 991	3 072	3 137	3 129	3 156	3 183	3 197	3 249	3 266	3 251
1989	3 185	3 176	3 169	3 236	3 287	3 362	3 458	3 514	3 581	3 592	3 572	3 524
1990	3 625	3 567	3 578	3 574	3 513	3 489	3 452	3 392	3 361	3 322	3 305	3 356
1991	3 347	3 406	3 404	3 312	3 275	3 288	3 254	3 253	3 284	3 306	3 373	3 408
1992	3 387	3 316	3 351	3 362	3 407	3 391	3 423	3 408	3 402	3 380	3 416	3 443
1993	3 479	3 486	3 469	3 434	3 441	3 448	3 433	3 416	3 397	3 422	3 405	3 387
1994	3 295	3 397	3 396	3 398	3 401	3 423	3 445	3 502	3 539	3 584	3 662	3 716
1995	3 843	3 996	4 095	4 255	4 356	4 544	4 729	4 705	4 694	4 639	4 595	4 468
1996	4 393	4 345	4 258	4 202	4 095	3 989	3 929	3 931	3 962	3 963	3 936	3 973
1997	3 958	3 940	4 033	3 949	3 943	3 837	3 867	3 885	3 910	3 961	3 988	4 073
	Seasonally Adjusted—Percent Change From Previous Period											
1987	4.8	2.7	1.4	-.4	2.2	-.5	.3	2.1	.6	1.3	.9	-3.0
1988	-1.9	1.8	1.8	2.7	2.1	-.3	.9	.9	.4	1.6	.5	-.5
1989	-2.0	-.3	-.2	2.1	1.6	2.3	2.9	1.6	1.9	.3	-.6	-1.3
1990	2.9	-1.6	.3	-.1	-1.7	-.7	-1.1	-1.7	-.9	-1.2	-.5	1.5
1991	-.3	1.8	-.1	-2.7	-1.1	.4	-1.0	-	1.0	.7	2.0	1.0
1992	-.6	-2.1	1.1	.3	1.3	-.5	.9	-.4	-.2	-.6	1.1	.8
1993	1.0	.2	-.5	-1.0	.2	.2	-.4	-.5	-.6	.7	-.5	-.5
1994	-2.7	3.1	-	.1	.1	.6	.6	1.7	1.1	1.3	2.2	1.5
1995	3.4	4.0	2.5	3.9	2.4	4.3	4.1	-.5	-.2	-1.2	-.9	-2.8
1996	-1.7	-1.1	-2.0	-1.3	-2.5	-2.6	-1.5	.1	.8	-	-.7	.9
1997	-.4	-.5	2.4	-2.1	-.2	-2.7	.8	.5	.6	1.3	.7	2.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	MISCELLANEOUS CONVERTED PAPER PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	3 849	3 915	4 084	4 130	4 189	4 189	4 124	4 068	4 039	4 023	4 061	4 152
1988	4 129	4 242	4 257	4 338	4 368	4 443	4 398	4 441	4 444	4 510	4 877	4 709
1989	4 666	4 712	4 714	4 730	4 617	5 007	4 914	4 912	4 773	4 728	4 845	4 824
1990	4 894	5 004	4 991	4 995	5 090	5 158	5 067	4 964	4 896	4 934	5 002	4 900
1991	5 105	5 175	5 180	5 270	5 188	5 098	4 996	4 781	4 703	4 830	4 889	4 753
1992	4 852	4 945	5 010	5 046	5 018	4 824	4 837	4 845	4 803	4 871	4 939	4 742
1993	4 847	4 921	4 985	5 098	5 087	4 948	4 909	4 991	4 767	4 787	4 618	4 758
1994	4 816	4 877	4 853	4 969	5 047	5 021	5 077	5 124	5 060	5 093	5 137	5 142
1995	5 291	5 390	5 591	5 710	5 781	5 851	5 699	5 601	5 549	5 871	5 544	5 592
1996	5 657	5 871	5 888	5 758	5 755	5 628	5 818	5 633	5 508	5 520	5 502	5 427
1997	5 449	5 369	5 477	5 512	5 551	5 486	5 455	5 480	5 531	5 515	5 500	5 533
	Seasonally Adjusted—Millions of Dollars											
1987	3 923	3 938	4 054	4 042	4 072	4 060	4 095	4 091	4 121	4 111	4 075	4 220
1988	4 196	4 252	4 240	4 247	4 276	4 321	4 364	4 448	4 543	4 818	4 705	4 791
1989	4 725	4 702	4 884	4 633	4 723	4 873	4 880	4 931	4 891	4 838	4 875	4 925
1990	4 941	4 977	4 947	4 883	4 987	5 038	5 041	4 988	5 028	5 040	5 031	5 020
1991	5 148	5 136	5 127	5 142	5 070	5 000	4 979	4 803	4 829	4 923	4 918	4 886
1992	4 887	4 912	4 952	4 913	4 893	4 758	4 823	4 885	4 928	4 951	4 974	4 675
1993	4 884	4 896	4 927	4 964	4 952	4 898	4 897	5 003	4 896	4 854	4 858	4 881
1994	4 854	4 868	4 801	4 844	4 913	4 984	5 065	5 125	5 182	5 155	5 189	5 257
1995	5 331	5 388	5 541	5 583	5 833	5 813	5 884	5 595	5 848	5 732	5 807	5 700
1996	5 895	5 677	5 844	5 842	5 818	5 589	5 801	5 629	5 599	5 571	5 566	5 519
1997	5 480	5 375	5 440	5 412	5 425	5 427	5 441	5 479	5 819	5 582	5 558	5 623
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.2	.3	3.0	–.3	.7	.2	.4	–.1	.7	–.2	–.9	3.8
1988	–.6	1.3	–.3	.2	.7	1.1	1.0	1.9	2.1	1.7	1.9	1.8
1989	–1.4	–.5	–.4	–1.1	1.9	3.2	.1	1.0	–.8	–1.1	.8	1.0
1990	.3	.7	–.8	–1.3	2.1	1.0	.1	–1.1	.8	.2	–.2	–.2
1991	2.5	–.2	–.2	.3	–1.4	–1.4	–.4	–3.5	.5	1.9	–.1	–.7
1992	–	.5	.8	–.8	–.4	–2.8	1.4	.9	1.3	.5	.5	–2.0
1993	.2	.2	.6	.8	–.2	–1.1	–	2.2	–2.1	–.9	.1	.5
1994	–.6	.2	–1.3	.9	1.4	1.4	1.8	1.2	.7	–.1	.7	1.3
1995	1.4	1.1	2.8	.8	.9	3.2	–2.2	–1.8	.9	1.5	–2.2	1.7
1996	–.1	–.3	–.8	–	–.5	–.5	.2	.5	–.5	–.5	–.1	–.8
1997	–.7	–1.9	1.2	–.5	.2	–	.3	.7	2.6	–1.0	–.1	1.2
	CHEMICALS AND ALLIED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	25 775	25 953	25 665	25 712	25 587	25 236	25 669	25 528	25 389	25 785	26 120	28 368
1988	27 158	27 787	27 826	27 578	27 654	27 812	28 236	28 395	28 329	28 803	29 200	29 580
1989	30 146	30 785	31 308	31 566	31 714	31 710	31 944	31 930	31 552	31 748	31 864	31 534
1990	31 608	32 189	32 196	32 467	32 472	32 285	32 840	32 507	32 481	33 098	33 552	33 817
1991	34 558	34 828	34 879	34 798	34 524	34 073	34 043	33 917	33 588	33 887	34 347	34 322
1992	34 375	34 903	34 787	34 917	34 793	34 342	34 730	34 994	34 831	35 302	35 448	35 478
1993	36 089	36 168	36 133	36 185	36 271	35 803	35 820	36 061	35 709	35 698	35 795	35 505
1994	35 817	36 442	36 204	36 321	36 396	35 857	36 419	36 274	35 884	36 038	36 339	36 737
1995	37 196	37 967	37 989	38 871	39 295	39 187	39 595	39 667	39 872	39 391	39 263	39 804
1996	39 884	40 420	40 560	40 811	40 697	40 255	40 144	40 191	40 180	40 208	40 283	40 794
1997	41 010	41 849	41 771	42 255	42 375	42 117	42 399	42 353	42 856	43 202	43 922	43 880
	Seasonally Adjusted—Millions of Dollars											
1987	25 896	25 683	25 472	25 483	25 499	25 269	25 566	25 812	25 798	28 040	26 222	28 585
1988	27 023	27 480	27 574	27 318	27 525	27 836	28 112	28 507	28 824	29 107	29 345	29 792
1989	29 967	30 353	30 970	31 261	31 578	31 812	31 890	32 118	32 106	32 070	32 029	31 725
1990	31 417	31 751	31 850	32 143	32 301	32 423	32 830	32 891	33 004	33 417	33 719	34 001
1991	34 360	34 352	34 522	34 454	34 306	34 222	34 051	34 074	34 082	34 180	34 518	34 529
1992	34 240	34 482	34 485	34 585	34 515	34 485	34 749	35 094	35 288	35 612	35 635	35 720
1993	38 021	35 742	35 830	35 848	35 941	35 931	35 845	36 114	38 101	38 027	38 024	35 771
1994	35 827	36 034	35 904	35 982	36 006	35 928	38 429	36 290	38 220	36 404	36 617	37 024
1995	37 245	37 524	37 854	36 289	36 873	39 272	39 632	39 739	40 029	39 823	39 609	39 913
1996	39 985	39 945	40 202	40 377	40 228	40 319	40 157	40 293	40 589	40 870	40 854	41 110
1997	41 105	41 328	41 389	41 778	41 883	42 151	42 385	42 471	43 101	43 873	44 324	44 249
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–.1	–.8	–	.1	–.9	1.2	.2	.7	.9	.7	1.4
1988	1.8	1.6	.4	–.9	.6	1.1	1.0	1.4	1.1	1.0	.8	1.5
1989	.8	1.3	2.0	.9	1.0	.7	.2	.7	–	–.1	–.1	–.9
1990	–1.0	1.1	.3	.9	.5	.4	1.3	–.4	1.0	1.3	.9	.8
1991	1.1	–	.5	–.2	–.4	–.3	–.5	.1	–	.3	1.0	–
1992	–.8	.7	–	.3	–.2	–.1	.6	1.0	.8	.9	.1	.2
1993	.8	–.8	.2	.1	.3	–	–.2	.8	–	–.2	–	–.7
1994	.2	.6	–.4	.2	.1	–.2	1.4	–.4	–.2	.5	.8	1.1
1995	.6	.7	.3	1.7	1.5	1.0	.9	.3	.7	–.5	–.5	.8
1996	.2	–.1	.6	.4	–.4	.2	–.4	.3	.7	.2	–	1.1
1997	–	.5	.1	.9	.3	.8	.5	.3	1.5	1.3	1.5	–.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIAL CHEMICALS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	13 530	13 577	13 331	13 450	13 320	12 982	13 346	13 249	13 241	13 257	13 390	13 737
1988	14 280	14 381	14 322	14 260	14 217	14 328	14 592	14 814	14 660	14 814	15 029	15 320
1989	15 878	16 175	18 427	16 531	16 667	18 712	16 876	18 880	16 749	18 689	18 599	18 388
1990	16 254	16 527	16 434	16 829	16 565	16 543	16 919	16 658	16 768	16 922	17 221	17 780
1991	18 136	18 127	18 115	17 962	17 721	17 560	17 377	17 151	16 968	18 967	17 238	17 395
1992	17 533	17 567	17 432	17 231	17 231	17 299	17 397	17 396	17 482	17 341	17 392	17 548
1993	17 755	17 657	17 531	17 554	17 490	17 335	17 387	17 470	17 297	17 106	17 042	17 142
1994	17 208	17 187	16 819	18 740	16 814	16 832	16 889	16 772	18 706	18 852	17 075	17 710
1995	18 146	18 375	18 120	18 472	18 838	18 701	19 203	19 181	19 335	19 029	18 933	19 157
1996	19 137	19 231	18 983	19 098	18 864	18 828	18 872	18 937	19 115	19 054	19 032	19 603
1997	19 741	19 795	19 625	19 507	19 605	19 507	19 643	19 820	19 879	19 700	20 114	20 335
	Seasonally Adjusted—Millions of Dollars											
1987	13 400	13 416	13 256	13 338	13 295	12 994	13 239	13 278	13 387	13 449	13 578	13 840
1988	14 095	14 180	14 222	14 137	14 187	14 342	14 507	14 666	14 849	15 046	15 231	15 395
1989	15 643	15 926	16 302	16 399	18 661	18 741	18 799	16 992	16 972	18 948	18 812	18 418
1990	16 002	16 272	16 312	16 515	16 545	18 597	16 859	16 772	16 976	17 176	17 430	17 769
1991	17 857	17 850	17 984	17 866	17 708	17 636	17 331	17 262	17 159	17 211	17 442	17 347
1992	17 264	17 304	17 309	17 170	17 221	17 394	17 377	17 493	17 648	17 578	17 591	17 473
1993	17 493	17 391	17 420	17 526	17 483	17 441	17 381	17 554	17 425	17 328	17 235	17 052
1994	16 964	16 932	16 729	18 739	16 805	16 743	16 894	16 834	18 796	17 060	17 266	17 609
1995	17 912	18 101	18 039	18 481	18 830	18 834	19 209	19 220	19 418	19 257	19 143	19 038
1996	18 909	18 952	18 910	19 105	18 857	18 966	18 875	18 985	19 183	19 280	19 239	19 477
1997	19 528	19 511	19 558	19 498	19 607	19 655	19 633	19 865	19 951	19 930	20 330	20 213
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.7	.1	–1.2	.8	–.3	–2.3	1.9	.3	.8	.5	1.0	1.9
1988	1.8	.8	.3	–.6	.4	1.1	1.2	1.2	1.1	1.3	1.2	1.1
1989	1.6	1.8	2.4	.6	1.6	.5	.3	1.1	–.1	–.1	–.8	–2.4
1990	–2.5	1.7	.2	1.2	.2	.3	1.6	–.5	1.2	1.2	1.5	1.9
1991	.5	–	.8	–.7	–.9	–.4	–1.7	–.4	–.6	.3	1.3	–.5
1992	–.5	.2	–	–.8	.3	1.0	–.1	.7	.9	–.4	.1	–.7
1993	.1	–.6	.2	.6	–.2	–.2	–.3	1.0	–.7	–.6	–.5	–1.1
1994	–.5	–.2	–1.2	.1	.4	–.4	.9	–.4	–.2	1.6	1.2	2.0
1995	1.7	1.1	–.3	2.5	1.9	–	2.0	.1	1.0	–.8	–.8	–.5
1996	–.7	.2	–.2	1.0	–1.3	.6	–.5	.6	1.0	.5	–.2	1.2
1997	.3	–.1	.2	–.3	.6	.2	–.1	1.2	.4	–.1	2.0	–.6
	DRUGS, SOAPS, AND TOILETRIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 427	8 566	8 574	8 658	8 789	8 867	8 764	8 740	8 514	8 729	8 919	8 860
1988	8 988	9 332	9 539	9 539	9 737	9 881	10 002	10 081	9 867	10 073	10 210	10 039
1989	9 981	10 067	10 214	10 508	10 669	10 749	10 839	10 858	10 587	10 826	10 918	10 705
1990	10 794	10 853	10 918	11 215	11 417	11 393	11 548	11 529	11 310	11 600	11 699	11 390
1991	11 600	11 732	11 814	12 151	12 357	12 357	12 454	12 553	12 390	12 873	12 761	12 467
1992	12 407	12 759	12 845	13 332	13 485	13 094	13 334	13 565	13 254	13 722	13 700	13 473
1993	13 712	13 833	13 926	14 064	14 492	14 389	14 383	14 544	14 310	14 374	14 476	13 964
1994	14 056	14 519	14 638	14 973	15 237	15 083	15 379	15 355	14 960	14 825	14 823	14 425
1995	14 250	14 649	14 769	15 118	15 564	15 663	15 711	15 915	15 787	15 737	15 588	15 596
1996	15 663	15 913	16 224	16 449	16 783	18 550	16 452	16 503	16 339	16 324	16 310	16 099
1997	15 880	18 498	16 550	17 406	17 712	17 616	17 810	17 619	17 775	18 419	18 614	18 195
	Seasonally Adjusted—Millions of Dollars											
1987	8 576	8 661	8 830	8 581	8 618	8 715	8 610	8 646	8 667	8 755	8 886	9 037
1988	9 148	9 441	9 611	9 462	9 558	9 719	9 827	9 964	10 048	10 085	10 166	10 244
1989	10 166	10 188	10 304	10 426	10 475	10 586	10 661	10 718	10 755	10 813	10 864	10 931
1990	11 011	10 989	11 027	11 132	11 198	11 232	11 376	11 368	11 457	11 563	11 639	11 649
1991	11 863	11 882	11 943	12 063	12 100	12 194	12 281	12 355	12 514	12 621	12 703	12 781
1992	12 717	12 917	12 987	13 232	13 183	12 920	13 157	13 329	13 342	13 683	13 656	13 843
1993	14 103	14 004	14 067	13 959	14 142	14 185	14 197	14 271	14 362	14 358	14 460	14 357
1994	14 503	14 699	14 772	14 858	14 843	14 849	15 177	15 067	14 987	14 835	14 834	14 836
1995	14 735	14 825	14 893	14 985	15 142	15 411	15 496	15 636	15 814	15 763	15 620	16 034
1996	16 207	18 088	18 355	16 281	16 316	16 278	16 219	16 252	16 388	16 354	16 356	16 544
1997	18 422	16 661	16 675	17 201	17 216	17 334	17 560	17 393	17 863	18 441	18 673	18 685
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.9	1.0	–.4	–.6	.4	1.1	–1.2	.4	.5	.8	1.5	1.7
1988	1.2	3.2	1.8	–1.6	1.0	1.7	1.1	1.4	.8	.4	.8	.8
1989	–.8	.2	1.1	1.2	.5	1.1	.7	.5	.3	.5	.5	.6
1990	.7	–.2	.3	1.0	.6	.3	1.3	–.1	.8	.9	.7	.1
1991	1.8	.2	.5	1.0	.3	.8	.7	.6	1.3	.9	.6	.6
1992	–.5	1.6	.5	1.9	–.4	–2.0	1.8	1.3	.1	2.6	–.2	1.4
1993	1.9	–.7	.4	–.8	1.3	.3	.1	.5	.8	–	.7	–.7
1994	1.0	1.4	.5	.6	–.1	–	2.2	–.7	–.5	–1.0	–	–
1995	–.7	.8	.5	.6	1.0	1.8	.6	.9	1.1	–.3	–.9	2.7
1996	1.1	–.7	1.7	–.5	.2	–2	–.4	.2	.8	–.2	–	1.1
1997	–.7	1.5	.1	3.2	.1	.7	1.3	–1.0	2.7	3.2	1.3	.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	PETROLEUM AND COAL PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 879	9 054	9 003	9 051	9 217	9 307	9 507	10 017	9 878	10 047	10 339	9 797
1988	9 628	9 584	9 673	9 862	10 194	10 018	9 917	9 626	9 495	9 450	9 319	9 039
1989	9 601	9 764	9 920	10 555	10 832	11 107	10 943	10 822	10 641	10 857	10 955	10 559
1990	11 647	11 624	11 621	11 404	11 451	11 110	11 286	11 949	13 632	13 940	13 791	13 184
1991	12 570	12 170	11 814	11 939	12 278	12 187	11 947	11 986	12 282	12 079	12 157	11 383
1992	10 863	10 800	11 054	11 195	11 610	11 836	11 982	11 809	11 938	11 809	11 445	10 975
1993	11 051	11 030	11 170	11 594	11 850	11 401	11 233	11 152	10 914	11 097	10 835	9 865
1994	9 837	10 074	10 216	10 403	10 800	10 919	11 323	11 317	10 980	11 214	11 239	10 661
1995	11 110	11 276	11 310	11 642	11 988	11 811	11 449	11 236	11 262	10 972	10 925	10 829
1996	11 138	11 282	11 762	12 090	12 281	12 159	12 268	12 187	12 439	12 499	12 424	12 046
1997	12 661	12 511	12 720	12 705	13 232	12 849	12 517	12 793	12 791	12 749	12 585	11 806
	Seasonally Adjusted—Millions of Dollars											
1987	8 936	9 139	9 256	9 157	9 153	9 298	9 493	9 978	9 800	9 831	10 043	9 973
1988	9 721	9 699	9 934	9 967	10 096	9 975	9 909	9 587	9 419	9 249	9 105	9 196
1989	9 728	9 919	10 168	10 650	10 697	11 032	10 928	10 790	10 537	10 598	10 718	10 743
1990	11 838	11 866	11 894	11 484	11 292	11 015	11 247	11 912	13 468	13 600	13 495	13 432
1991	12 829	12 473	12 070	12 011	12 074	12 054	11 854	11 931	12 130	11 814	11 954	11 671
1992	11 185	11 145	11 289	11 240	11 384	11 854	11 803	11 821	11 748	11 570	11 287	11 350
1993	11 402	11 384	11 388	11 622	11 409	11 212	11 027	10 975	10 742	10 900	10 757	10 265
1994	10 164	10 379	10 388	10 387	10 557	10 720	11 105	11 148	10 805	11 029	11 173	11 121
1995	11 470	11 611	11 504	11 609	11 712	11 595	11 234	11 079	11 093	10 805	10 888	11 304
1996	11 490	11 594	11 959	12 044	11 991	11 942	12 077	12 015	12 252	12 289	12 344	12 520
1997	13 039	12 858	12 923	12 856	12 919	12 623	12 338	12 857	12 621	12 559	12 489	12 218
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.6	2.3	1.3	−1.1	–	1.6	2.1	5.1	−1.8	.3	2.2	−.7
1988	−2.5	−.2	2.4	.3	1.3	−1.2	−.7	−3.2	−1.8	−1.8	−1.6	1.0
1989	5.8	2.0	2.5	4.7	.4	3.1	−1.0	−1.2	−2.3	.6	1.1	.2
1990	10.2	.2	.2	−3.4	−1.7	−2.5	2.1	5.9	13.0	1.0	−.8	−.5
1991	−4.5	−2.8	−3.2	−.5	.5	−.2	−1.7	.6	1.7	−2.6	1.2	−2.4
1992	−4.2	−.4	1.3	−.4	1.3	2.4	1.3	−1.5	1.1	−1.5	−2.4	.6
1993	.5	−.2	–	2.1	−1.8	−1.7	−1.7	−.5	−2.1	1.5	−1.3	−4.6
1994	−1.0	2.1	.1	–	1.6	1.5	3.6	.4	−3.1	2.1	1.3	−.5
1995	3.1	1.2	−.9	.9	.9	−1.0	−3.1	−1.4	.1	−2.6	.7	3.8
1996	1.6	.9	3.1	.7	−.4	−.4	1.1	−.5	2.0	.3	.4	1.4
1997	4.1	−1.4	.5	−2.1	2.1	−2.3	−2.3	2.6	−.3	−.5	−.6	−2.2
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	9 271	9 422	9 564	9 658	9 746	9 621	9 688	9 889	9 727	9 646	9 760	9 982
1988	10 080	10 209	10 508	10 680	10 751	10 722	10 804	10 812	10 953	11 011	11 116	11 314
1989	11 624	11 788	12 061	11 956	11 942	11 750	11 782	11 654	11 588	11 479	11 463	11 512
1990	11 601	11 659	11 663	11 587	11 739	11 578	11 860	11 611	11 763	11 967	12 060	12 285
1991	12 557	12 538	12 485	12 514	12 370	12 066	11 979	11 895	11 816	11 833	11 989	12 119
1992	12 240	12 120	11 996	12 044	12 021	11 895	11 909	11 894	12 053	12 083	12 271	12 517
1993	12 606	12 605	12 640	12 723	12 802	12 630	12 635	12 564	12 585	12 540	12 705	12 770
1994	13 005	13 184	13 195	13 149	13 113	13 038	13 260	13 222	13 433	13 654	13 604	14 145
1995	14 614	15 217	15 344	15 558	15 515	15 409	15 457	15 187	15 023	14 954	14 931	15 093
1996	15 326	15 565	15 601	15 466	15 304	15 239	15 298	15 147	15 182	15 249	15 334	15 584
1997	15 990	16 297	16 358	16 357	16 447	18 284	16 316	16 195	16 018	16 037	16 161	16 300
	Seasonally Adjusted—Millions of Dollars											
1987	9 314	9 335	9 341	9 403	9 535	9 555	9 680	9 988	9 885	9 909	9 989	10 065
1988	10 070	10 092	10 285	10 435	10 544	10 706	10 828	10 940	11 122	11 275	11 327	11 367
1989	11 553	11 638	11 835	11 724	11 749	11 777	11 837	11 813	11 767	11 711	11 627	11 533
1990	11 487	11 497	11 471	11 391	11 582	11 634	11 737	11 782	11 942	12 184	12 190	12 292
1991	12 406	12 346	12 294	12 327	12 229	12 137	12 066	12 080	11 995	12 028	12 090	12 121
1992	12 083	11 930	11 829	11 883	11 898	11 957	11 975	12 067	12 245	12 296	12 388	12 541
1993	12 459	12 389	12 450	12 543	12 677	12 679	12 683	12 741	12 800	12 774	12 856	12 821
1994	12 870	12 936	12 975	12 948	12 984	13 070	13 285	13 400	13 674	13 923	13 801	14 232
1995	14 481	14 901	15 060	15 312	15 362	15 427	15 460	15 383	15 316	15 265	15 189	15 220
1996	15 198	15 217	15 294	15 206	15 138	15 240	15 286	15 335	15 493	15 580	15 619	15 728
1997	15 855	15 917	16 031	16 085	18 269	18 281	16 305	16 395	16 348	16 386	16 468	18 455
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.2	.1	.7	1.4	.2	1.3	3.2	−1.0	.2	.8	.8
1988	–	.2	1.9	1.5	1.0	1.5	1.1	1.0	1.7	1.4	.5	.4
1989	1.6	.7	1.7	−.9	.2	.2	.5	−.2	−.4	−.5	−.7	−.8
1990	−.4	.1	−.2	−.7	1.7	.4	.9	.4	1.4	2.0	–	.8
1991	.9	−.5	−.4	.3	−.8	−.8	−.8	.1	−.7	.3	.5	.3
1992	−.3	−1.3	−.8	.5	.1	.5	.2	.8	1.5	.4	.7	1.2
1993	−.7	−.6	.5	.7	1.1	–	–	.5	.5	−.2	.8	−.3
1994	.4	.5	.3	−.2	.3	.7	1.8	.9	2.0	1.8	−.9	3.1
1995	1.7	2.9	1.1	1.7	.3	.4	.2	−.5	−.4	−.3	−.5	.2
1996	−.1	.1	.5	−.6	−.4	.7	.3	.3	1.0	.6	.3	.7
1997	.8	.4	.7	.3	1.1	.1	.1	.6	−.3	.2	.5	−.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL OTHER NONDURABLE GOODS INDUSTRIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	19 878	20 064	20 256	20 618	21 090	21 243	21 261	21 032	20 785	20 389	20 185	20 487
1988	20 835	21 283	21 862	22 753	23 514	23 781	23 826	23 978	23 609	22 848	22 460	22 280
1989	22 580	22 626	22 819	23 204	23 836	24 008	24 161	23 899	23 659	23 109	22 968	22 545
1990	23 127	23 414	23 730	23 936	24 542	24 868	25 339	25 134	24 513	23 777	23 288	23 030
1991	23 389	23 648	23 806	24 028	24 222	24 390	24 266	24 082	23 572	23 280	22 861	22 792
1992	23 397	23 464	23 811	24 383	24 681	24 842	24 971	25 034	24 745	24 113	23 317	23 233
1993	23 870	23 911	24 401	24 985	25 557	25 963	26 124	26 167	25 685	24 967	24 198	23 818
1994	24 198	24 421	24 687	25 169	25 672	26 098	26 524	26 511	26 060	25 751	25 441	25 079
1995	26 013	26 609	27 848	28 592	29 435	29 899	30 261	30 083	29 226	28 401	27 645	28 680
1996	27 436	27 526	27 148	27 465	27 594	27 822	27 736	27 262	26 350	26 079	25 577	24 564
1997	25 100	25 849	26 019	26 751	27 528	28 060	28 329	28 305	27 653	27 391	26 669	26 078
	Seasonally Adjusted—Millions of Dollars											
1987	20 415	20 441	20 437	20 366	20 465	20 431	20 483	20 458	20 624	20 807	20 998	21 394
1988	21 394	21 694	22 055	22 498	22 822	22 891	22 968	23 312	23 399	23 285	23 311	23 284
1989	23 197	23 086	23 016	22 987	23 197	23 187	23 290	23 198	23 414	23 502	23 802	23 544
1990	23 754	23 909	23 935	23 731	23 920	24 037	24 416	24 387	24 238	24 122	24 110	24 079
1991	24 056	24 173	24 006	23 832	23 670	23 613	23 358	23 300	23 273	23 557	23 876	23 889
1992	24 076	24 000	24 042	24 179	24 085	24 025	24 002	24 189	24 413	24 362	24 153	24 410
1993	24 589	24 474	24 655	24 766	24 940	25 080	25 081	25 270	25 350	25 226	25 081	25 089
1994	24 952	25 021	24 997	24 966	25 032	25 173	25 418	25 574	25 703	25 980	26 341	28 495
1995	26 876	27 273	28 249	28 388	28 710	28 842	28 965	28 986	28 804	28 603	28 568	28 233
1996	28 384	28 206	27 550	27 284	26 909	26 818	28 547	26 279	25 972	26 223	26 381	26 008
1997	25 992	26 476	26 413	26 585	26 864	27 054	27 127	27 302	27 270	27 546	27 516	27 592
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.8	.1	–	–.3	.5	–.2	.3	–.1	.8	.9	.9	1.9
1988	–	1.4	1.7	2.0	1.4	.3	.3	1.5	.4	–.5	.1	–.2
1989	–.3	–.5	–.3	–.1	.9	–	.4	–.4	.9	.4	1.3	–1.1
1990	.9	.7	.1	–.9	.8	.5	1.8	–.2	–.5	–.5	–	–.1
1991	–.1	.5	–.7	–.7	–.7	–.2	–1.1	–.2	–.1	1.2	.5	.9
1992	.8	–.3	.2	.6	–.4	–.2	–.1	.8	.9	–.2	–.9	1.1
1993	.7	–.5	.7	.5	.7	.6	–	.8	.3	–.5	–.6	–
1994	–.5	.3	–.1	–.1	.3	.6	1.0	.6	.5	1.1	1.4	.6
1995	1.4	1.5	3.6	.5	1.1	.5	.4	.1	–.6	–.7	–.1	–1.2
1996	.5	–.8	–2.3	–1.0	–1.4	–.3	–1.0	–1.0	–1.2	1.0	.6	–1.4
1997	–.1	1.9	–.2	.7	1.0	.7	.3	.6	–.1	1.0	–.1	.3
	AUTOMOTIVE EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 015	6 229	6 223	6 101	6 102	5 911	5 858	6 034	6 165	6 149	6 363	6 296
1988	6 462	6 527	6 420	6 264	6 244	6 153	6 108	6 221	6 300	6 329	6 498	6 392
1989	6 655	6 829	6 702	6 709	6 667	6 566	6 812	6 815	6 656	6 630	6 678	6 399
1990	6 771	6 861	8 643	6 667	6 713	6 459	6 664	6 714	6 649	6 658	6 885	6 834
1991	7 011	7 144	6 705	6 607	6 454	6 212	6 213	6 377	6 415	6 431	6 653	6 462
1992	6 656	6 739	6 628	6 495	6 434	6 344	6 346	6 710	6 773	6 784	6 926	6 588
1993	8 746	7 037	6 980	6 938	6 845	6 699	6 550	6 932	6 943	6 882	6 998	6 778
1994	7 014	7 152	6 977	6 795	6 857	6 726	6 991	7 150	7 196	7 199	7 423	7 284
1995	7 568	7 783	7 768	7 719	7 706	7 416	7 665	7 827	7 634	7 747	7 852	7 537
1996	7 902	8 106	8 231	8 217	8 180	7 812	8 263	8 437	8 256	8 256	8 073	7 697
1997	7 996	8 232	8 208	8 300	8 456	8 054	8 299	8 314	8 444	8 216	8 063	7 755
	Seasonally Adjusted—Millions of Dollars											
1987	5 900	6 001	6 099	6 091	6 116	6 098	6 092	6 089	6 196	6 194	6 292	6 322
1988	6 321	6 273	6 308	6 257	6 258	6 341	6 314	8 270	6 340	6 390	6 419	6 448
1989	6 496	8 556	6 605	6 713	6 693	6 763	7 016	6 857	6 699	6 678	6 573	6 479
1990	6 609	6 578	6 559	6 670	6 759	6 662	6 851	6 736	6 682	6 696	6 769	6 934
1991	8 864	6 860	6 629	6 613	6 512	6 426	6 372	6 377	6 426	6 449	6 528	6 559
1992	6 550	8 482	6 554	6 511	6 503	6 578	6 462	6 694	6 771	6 790	6 796	6 708
1993	6 667	6 794	6 887	6 947	6 905	6 953	6 650	6 884	6 930	6 877	6 885	6 934
1994	6 971	6 948	6 882	6 788	6 900	6 967	7 066	7 054	7 165	7 183	7 332	7 508
1995	7 557	7 607	7 662	7 691	7 718	7 671	7 706	7 677	7 594	7 731	7 804	7 828
1996	7 926	7 957	8 124	8 159	8 146	8 065	8 281	8 235	8 205	8 240	8 070	8 035
1997	8 043	8 115	8 102	8 220	8 387	8 303	8 287	8 090	8 376	8 202	8 086	8 134
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.5	1.7	1.6	–.1	.4	–.3	–.1	–	1.8	–	1.6	.5
1988	–	–.8	.6	–.8	–	1.3	–.4	–.7	1.1	.8	.5	.5
1989	.7	.9	.7	1.6	–.3	1.0	3.7	–2.3	–2.3	–.3	–1.6	–1.4
1990	2.0	–.5	–.3	1.7	1.3	–1.4	2.8	–1.7	–.8	.2	1.1	2.4
1991	–1.0	–.1	–3.4	–.2	–1.5	–1.3	–.8	.1	.8	.4	1.2	.5
1992	–.1	–1.0	1.1	–.7	–.1	1.2	–1.8	3.6	1.2	.3	.1	–1.3
1993	–.6	1.9	1.4	.9	–.6	.7	–4.4	3.5	.7	–.8	.1	.7
1994	.5	–.3	–.9	–1.4	1.6	1.0	1.4	–.2	1.6	.3	2.1	2.4
1995	.7	.7	.7	.4	.4	–.6	.5	–.4	–1.1	1.8	.9	.3
1996	1.3	.4	2.1	.4	–.2	–1.0	2.7	–.6	–.4	.4	–2.1	–.4
1997	.1	.9	–.2	1.5	2.0	–1.0	–.2	–2.4	3.5	–2.1	–1.4	.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HOME GOODS AND APPAREL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	23 705	24 006	24 191	24 697	25 312	25 289	25 233	24 702	24 327	24 158	23 772	24 485
1988	25 200	25 575	25 859	26 462	27 333	27 288	27 250	26 954	26 170	25 723	25 536	25 788
1989	26 340	26 288	26 312	27 003	27 629	27 316	27 557	27 434	26 914	26 596	26 306	26 269
1990	27 413	27 730	27 875	28 291	28 997	28 778	28 431	28 130	27 559	26 758	26 114	26 134
1991	26 482	26 414	25 925	26 124	26 567	26 311	25 899	25 580	25 569	25 232	24 943	25 275
1992	28 387	26 500	26 558	27 141	27 903	27 960	27 693	27 307	26 737	26 115	25 465	25 717
1993	26 604	26 880	27 340	28 165	29 179	29 268	29 216	29 080	28 389	27 942	27 314	27 423
1994	28 505	28 884	28 903	29 407	30 219	30 364	30 417	30 543	30 004	29 562	29 457	29 409
1995	30 709	31 296	31 627	32 500	33 359	33 234	32 913	32 475	31 741	31 219	30 588	30 359
1996	31 436	31 729	30 935	31 255	31 583	31 175	30 578	30 412	29 782	29 217	28 424	28 056
1997	29 154	29 429	29 334	30 122	30 966	31 180	31 451	31 366	30 571	30 258	29 550	29 228
	Seasonally Adjusted—Millions of Dollars											
1987	23 939	24 137	24 234	24 196	24 329	24 326	24 492	24 399	24 652	24 895	24 950	25 379
1988	25 433	25 687	25 911	25 949	26 277	26 309	26 493	26 637	26 482	26 485	26 738	26 723
1989	26 554	26 372	26 367	26 521	28 583	26 399	26 845	27 115	27 196	27 354	27 490	27 255
1990	27 638	27 815	27 951	27 819	27 902	27 829	27 707	27 777	27 782	27 481	27 262	27 153
1991	28 707	26 497	26 014	25 724	25 580	25 436	25 248	25 227	25 726	25 890	26 043	26 303
1992	26 611	26 595	26 660	26 743	26 864	27 007	26 961	28 891	26 898	26 790	26 610	26 819
1993	26 870	26 967	27 445	27 752	28 079	28 260	28 429	28 592	28 546	28 654	28 539	28 671
1994	28 819	28 965	29 015	28 978	29 090	29 329	29 589	29 996	30 168	30 278	30 783	30 826
1995	31 065	31 370	31 761	32 033	32 134	32 102	31 979	31 823	31 856	31 933	31 933	31 892
1996	31 840	31 820	31 106	30 844	30 475	30 145	29 703	29 795	29 898	29 845	29 634	29 468
1997	29 512	29 488	29 481	29 716	29 896	30 179	30 556	30 738	30 672	30 887	30 811	30 671
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.2	.8	.4	−.2	.5	–	.7	−.4	1.0	1.0	.2	1.7
1988	.2	1.0	.9	.1	1.3	.1	.7	.5	−.6	–	1.0	−.1
1989	−.6	−.7	–	.6	.2	−.7	1.7	1.0	.3	.6	.5	−.9
1990	1.4	.6	.5	−.5	.3	−.3	−.4	.3	–	−1.1	−.8	−.4
1991	−1.6	−.8	−1.8	−1.1	−.8	−.6	−.7	−.1	2.0	.8	.6	1.0
1992	1.2	−.1	.2	.3	.5	.5	−.2	−.3	–	−.4	−.7	.8
1993	.2	.4	1.8	1.1	1.2	.6	.8	.6	−.2	.4	−.4	.5
1994	.5	.5	.2	−.1	.4	.8	.9	1.4	.6	.4	1.6	.2
1995	.8	1.0	1.2	.9	.3	−.1	−.4	−.5	.1	.2	–	−.1
1996	−.2	−.1	−2.2	−.8	−1.2	−1.1	−1.5	.3	.3	−.2	−.7	−.6
1997	.1	−.1	–	.8	.6	.9	1.2	.6	−.2	.7	−.2	−.5
	CONSUMER STAPLES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	45 974	45 912	45 337	45 382	45 510	45 400	45 490	46 620	46 774	47 809	48 063	47 326
1988	47 632	47 894	47 642	47 907	47 841	47 805	48 324	49 473	49 528	50 692	50 754	50 390
1989	50 562	50 718	50 436	51 579	51 329	51 536	52 370	53 529	53 612	54 785	54 969	54 062
1990	55 436	55 418	54 799	54 851	54 652	54 181	55 308	56 993	58 457	59 764	59 444	58 104
1991	58 880	58 569	57 416	58 003	57 243	56 727	57 027	58 199	58 868	60 149	59 884	58 513
1992	58 455	58 640	58 072	58 450	58 676	57 766	59 123	60 845	60 897	62 660	61 743	60 459
1993	61 318	61 031	60 417	60 683	60 823	60 313	60 502	61 505	61 525	62 494	62 127	59 946
1994	60 089	60 115	59 926	60 210	60 452	60 011	61 464	62 476	62 621	63 738	63 349	61 776
1995	62 652	63 103	62 702	62 921	63 177	63 027	63 454	64 595	66 060	67 143	86 473	65 704
1996	66 333	66 533	66 343	66 523	66 261	65 703	65 983	67 070	68 469	69 671	69 503	67 944
1997	67 947	68 732	68 204	69 085	69 249	68 593	68 933	69 977	71 324	73 433	73 342	71 473
	Seasonally Adjusted—Millions of Dollars											
1987	45 501	45 667	45 822	45 712	46 133	48 597	46 228	46 481	46 618	48 677	48 970	47 186
1988	47 169	47 692	48 188	48 247	48 512	48 988	49 038	49 284	49 335	49 495	49 637	50 289
1989	50 133	50 556	51 002	51 955	52 064	52 758	53 088	53 246	53 273	53 406	53 785	54 029
1990	55 021	55 299	55 458	55 257	55 460	55 469	56 029	58 704	58 029	58 176	58 139	58 161
1991	58 505	58 474	58 094	58 471	58 069	58 075	57 789	57 882	58 388	58 482	58 583	58 657
1992	58 147	58 562	58 785	58 962	59 488	59 089	59 871	60 457	60 295	60 900	60 420	60 706
1993	61 118	60 960	61 093	61 252	61 576	61 648	61 285	61 155	60 879	60 723	60 848	60 225
1994	60 019	60 079	60 545	60 756	61 124	61 236	62 259	62 177	61 864	61 871	62 006	62 085
1995	62 693	63 100	63 345	63 498	63 845	64 272	64 296	64 367	65 233	65 211	65 093	66 038
1996	66 439	66 499	66 978	67 045	66 891	66 943	66 871	66 976	67 611	67 705	68 077	68 270
1997	68 055	68 691	68 837	69 530	69 843	69 877	69 897	69 952	70 461	71 410	71 884	71 825
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.2	.4	.3	−.2	.9	1.0	−.8	.5	.3	.1	.8	.5
1988	–	1.1	1.0	.1	.5	1.0	.1	.5	.1	.3	.3	1.3
1989	−.3	.8	.9	1.9	.2	1.3	.6	.3	.1	.2	.7	.5
1990	1.8	.5	.3	−.4	.4	–	1.0	1.2	2.3	.3	−.1	–
1991	.6	−.1	−.6	.6	−.7	–	−.5	.2	.9	.2	.2	.1
1992	−.9	.7	.4	.3	.9	−.7	1.3	1.0	−.3	1.0	−.8	.5
1993	.7	−.3	.2	.3	.5	.1	−.6	−.2	−.5	−.3	.2	−1.0
1994	−.3	.1	.8	.3	.6	.2	1.7	−.1	−.5	–	.2	.1
1995	1.0	.6	.4	.2	.5	.7	–	.1	1.3	–	−.2	1.5
1996	.6	.1	.7	.1	−.2	.1	−.1	.2	.9	.1	.5	.3
1997	−.3	.9	.2	1.0	.5	–	–	.1	.7	1.3	.7	−.1

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	MACHINERY AND EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	70 372	71 004	70 452	71 088	71 354	70 475	70 458	71 173	70 451	71 262	71 749	70 571
1988	72 467	74 095	74 440	75 639	76 516	76 079	76 980	78 765	78 260	79 221	80 470	79 601
1989	82 214	84 835	84 793	86 270	87 526	87 580	88 454	89 032	88 465	89 471	90 334	88 351
1990	91 140	92 059	91 397	92 900	93 875	91 747	93 337	93 662	93 299	94 605	95 345	92 510
1991	94 719	96 261	95 606	96 544	96 099	94 001	94 390	94 436	93 323	93 718	93 584	90 692
1992	92 175	92 612	90 993	91 355	91 455	89 594	89 975	91 319	90 415	90 824	91 132	86 871
1993	88 269	90 153	89 134	89 998	90 633	88 968	89 887	89 982	89 492	90 594	90 998	88 813
1994	89 448	91 141	90 099	91 414	93 488	91 835	93 415	95 214	93 820	94 739	95 947	92 596
1995	96 046	98 339	97 408	98 790	100 677	98 113	100 052	101 664	101 029	103 098	104 143	99 957
1996	104 748	106 944	104 901	107 067	108 421	105 274	107 375	109 360	107 462	109 057	110 399	104 241
1997	108 923	112 353	110 512	113 434	115 157	113 171	115 849	117 541	114 875	117 784	119 567	111 413
	Seasonally Adjusted—Millions of Dollars											
1987	70 947	70 576	70 372	70 488	70 555	70 588	70 455	70 794	70 672	71 131	71 600	72 400
1988	72 998	73 541	74 358	74 967	75 618	78 282	78 918	78 362	78 587	79 103	80 249	81 687
1989	82 754	84 175	84 744	85 485	86 469	87 940	88 360	88 580	88 925	89 282	90 007	90 697
1990	91 667	91 307	91 378	92 073	92 752	92 255	93 225	93 138	93 783	94 307	94 863	95 055
1991	95 210	95 467	95 640	95 778	94 953	94 685	94 325	93 866	93 744	93 274	92 914	93 404
1992	92 887	91 951	91 346	90 814	90 331	90 352	89 888	90 591	90 688	90 177	90 151	89 589
1993	88 920	89 395	89 514	89 546	89 406	89 789	89 827	89 081	89 726	89 969	89 949	89 537
1994	90 123	90 280	90 649	91 001	92 099	92 759	93 338	94 095	94 127	94 173	94 813	95 906
1995	96 718	97 275	98 065	98 296	99 072	99 108	99 906	100 377	101 424	102 585	102 935	103 724
1996	105 512	105 734	105 700	106 465	106 639	106 395	107 162	107 953	107 916	108 584	109 135	108 129
1997	109 645	111 002	111 208	112 767	113 413	114 392	115 481	116 125	115 181	117 296	118 194	115 519
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–	–.5	–.3	.2	.1	–	–.2	.5	–.2	.8	.7	1.1
1988	.8	.7	1.1	.8	.9	.9	.8	1.9	.3	.7	1.4	1.8
1989	1.3	1.7	.7	.9	1.2	1.7	.5	.2	.4	.4	.8	.8
1990	1.1	–.4	.1	.8	.7	–.5	1.1	–.1	.7	.6	.6	.2
1991	.2	.3	.2	.1	–.9	–.3	–.4	–.5	–.1	–.5	–.4	.5
1992	–.6	–1.0	–.7	–.8	–.5	–	–.5	.8	.1	–.8	–	–.6
1993	–.7	.5	.1	–	–.2	.4	–	–.8	.7	.3	–	–.5
1994	.7	.2	.4	.4	1.2	.7	.6	.8	–	–	.7	1.2
1995	.8	.6	.8	.2	.8	–	.8	.5	1.0	1.1	.3	.8
1996	1.7	.2	–	.7	.2	–.2	.7	.7	–	.6	.5	–.9
1997	1.4	1.2	.2	1.4	.6	.9	1.0	.6	–.8	1.8	.8	–2.3
	BUSINESS SUPPLIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	18 397	18 633	18 840	18 884	18 997	18 938	19 198	19 432	19 307	19 266	19 344	18 964
1988	19 230	19 724	19 870	20 138	20 387	20 544	20 834	21 199	21 202	21 049	20 985	20 759
1989	21 303	21 818	22 047	22 210	22 438	22 724	22 902	22 866	22 743	22 493	22 433	21 676
1990	22 202	22 625	22 851	22 890	23 037	22 967	23 450	23 595	23 638	23 759	23 751	23 036
1991	23 390	23 799	23 794	23 695	23 378	23 213	23 152	23 147	22 982	22 921	22 748	22 160
1992	22 401	22 681	22 882	22 989	22 891	22 859	23 121	23 565	23 537	23 341	22 955	22 130
1993	22 692	22 759	22 785	23 143	23 182	22 958	23 100	23 383	23 022	22 880	22 583	21 886
1994	22 241	22 735	22 795	23 021	23 017	22 783	23 570	23 668	23 485	23 705	23 640	23 155
1995	24 128	24 761	25 512	26 061	26 337	28 466	26 805	26 831	26 440	26 201	25 874	25 052
1996	25 645	26 023	26 007	26 338	26 263	26 031	28 311	26 357	26 124	28 387	26 299	25 326
1997	25 973	28 486	26 703	26 945	27 226	27 049	27 033	27 521	27 498	27 516	27 444	26 644
	Seasonally Adjusted—Millions of Dollars											
1987	18 720	18 706	18 858	18 795	18 918	18 850	18 929	19 095	19 140	19 254	19 426	19 532
1988	19 578	19 792	19 877	20 051	20 282	20 419	20 523	20 814	21 012	21 046	21 100	21 419
1989	21 697	21 883	22 005	22 103	22 335	22 614	22 608	22 508	22 569	22 473	22 549	22 373
1990	22 590	22 681	22 793	22 753	22 934	22 862	23 152	23 220	23 455	23 702	23 868	23 792
1991	23 799	23 860	23 718	23 519	23 267	23 127	22 856	22 774	22 807	22 839	22 877	22 942
1992	22 821	22 780	22 843	22 798	22 762	22 786	22 810	23 139	23 335	23 247	23 105	22 943
1993	23 108	22 857	22 740	22 912	23 017	22 911	22 778	22 959	22 837	22 783	22 745	22 730
1994	22 639	22 829	22 766	22 770	22 823	22 728	23 232	23 244	23 293	23 598	23 799	24 069
1995	24 580	24 892	25 525	25 788	28 094	26 406	26 412	26 348	26 219	26 078	26 033	26 044
1996	26 121	26 139	26 001	26 066	25 997	25 962	25 997	25 966	25 948	26 266	26 424	26 267
1997	26 418	26 573	26 695	28 698	26 957	26 965	26 737	27 128	27 318	27 383	27 543	27 585
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.9	–.1	.8	–.3	.7	–.4	.4	.9	.2	.6	.9	.5
1988	.2	1.1	.4	.9	1.2	.7	.5	1.4	1.0	.2	.3	1.5
1989	1.3	.9	.6	.4	1.0	1.2	–	–.4	.3	–.4	.3	–.8
1990	1.0	.4	.5	–.2	.8	–.3	1.3	.3	1.0	1.1	.7	–.3
1991	–	.3	–.8	–.8	–1.1	–.6	–1.2	–.4	.1	.1	.2	.3
1992	–.5	–.2	.3	–.2	–.2	.1	.1	1.4	.8	–.4	–.6	–.7
1993	.7	–1.1	–.5	.8	.5	–.5	–.6	.8	–.5	–.2	–.2	–.1
1994	–.4	.8	–.3	–	.2	–.4	2.2	.1	.2	1.3	.9	1.1
1995	2.1	1.3	2.5	1.0	1.2	1.2	–	–.2	–.5	–.5	–.2	–
1996	.3	.1	–.5	.2	–.3	–.1	.1	–.1	–.1	1.2	.6	–.6
1997	.6	.6	.5	–	1.0	–	–.8	1.5	.7	.2	.6	.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	CONSTRUCTION MATERIALS AND SUPPLIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	20 299	20 406	20 677	20 806	20 901	20 809	20 522	20 514	20 394	20 300	20 514	20 812
1988	21 500	22 021	22 078	22 320	22 477	22 362	22 462	22 337	22 333	22 441	22 520	22 544
1989	22 978	23 078	23 198	23 338	23 742	23 541	23 746	23 475	23 155	23 138	23 081	22 918
1990	23 436	23 605	23 532	23 638	23 564	23 370	23 318	23 389	23 415	23 564	23 401	23 271
1991	23 632	23 894	23 573	23 356	23 084	22 956	22 824	22 654	22 367	22 303	22 323	22 047
1992	22 361	22 711	22 808	22 940	23 155	23 100	23 037	22 878	22 613	22 579	22 488	22 283
1993	22 642	23 134	23 510	23 727	23 680	23 662	23 593	23 640	23 514	23 490	23 600	23 488
1994	24 406	24 794	24 869	24 608	24 675	24 724	24 906	24 795	24 618	24 718	24 714	24 939
1995	25 471	25 978	26 285	26 620	26 859	26 742	26 970	26 760	26 595	26 685	26 587	26 361
1996	26 927	27 183	27 049	26 813	26 814	26 709	26 766	26 692	26 602	26 617	26 744	26 721
1997	27 320	27 759	27 755	27 871	28 009	28 014	28 081	28 105	27 974	27 906	27 954	27 689
	Seasonally Adjusted—Millions of Dollars											
1987	20 364	20 195	20 386	20 478	20 556	20 585	20 473	20 620	20 649	20 645	20 875	21 158
1988	21 504	21 777	21 801	22 008	22 125	22 172	22 408	22 434	22 609	22 777	22 886	22 925
1989	22 960	22 819	22 948	23 036	23 383	23 382	23 674	23 553	23 436	23 422	23 419	23 326
1990	23 422	23 340	23 294	23 372	23 244	23 227	23 228	23 437	23 687	23 824	23 731	23 714
1991	23 631	23 613	23 325	23 093	22 778	22 797	22 718	22 680	22 850	22 551	22 886	22 509
1992	22 376	22 452	22 529	22 668	22 876	22 922	22 919	22 891	22 862	22 832	22 848	22 779
1993	22 663	22 857	23 203	23 450	23 430	23 494	23 461	23 668	23 762	23 758	23 964	23 979
1994	24 388	24 486	24 545	24 338	24 441	24 571	24 793	24 836	24 857	25 001	25 097	25 455
1995	25 450	25 657	25 970	26 323	26 592	26 570	28 837	26 817	26 853	26 998	26 992	26 898
1996	26 906	26 839	26 747	26 522	26 560	26 571	28 646	28 731	26 837	26 923	27 121	27 222
1997	27 310	27 407	27 459	27 571	27 729	27 844	27 937	28 133	28 230	28 235	28 337	28 188
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	−.8	.9	.5	.4	.1	−.5	.7	.1	–	1.1	1.4
1988	1.6	1.3	.1	.9	.5	.2	1.1	.1	.8	.7	.5	.2
1989	.2	−.6	.6	.4	1.5	–	1.2	−.5	−.5	−.1	–	−.4
1990	.4	−.4	−.2	.3	−.5	−.1	–	.9	1.1	.8	−.4	−.1
1991	−.4	−.1	−1.2	−1.0	−1.4	.1	−.3	−.2	−.1	−.4	.5	−.7
1992	−.6	.3	.3	.6	.9	.2	–	−.1	−.1	−.1	.1	−.3
1993	−.5	.9	1.5	1.1	−.1	.3	−.1	.8	.4	–	1.0	–
1994	1.7	.4	.2	−.8	.4	.5	.9	.2	.1	.8	.4	1.4
1995	–	.8	1.2	1.4	1.0	−.1	1.0	−.1	.1	.5	–	−.3
1996	–	−.2	−.3	−.8	.1	–	.3	.3	.4	.3	.7	.4
1997	.3	.4	.2	.4	.6	.4	.3	.7	.3	–	.4	−.5
	DEFENSE PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	29 085	29 620	29 875	30 260	30 555	30 537	31 125	31 344	31 455	31 903	32 145	31 212
1988	31 445	31 987	32 335	32 289	33 048	33 384	33 296	31 995	32 654	33 066	32 542	33 127
1989	33 820	34 122	34 953	34 891	35 371	35 240	35 815	35 856	35 275	35 737	35 484	34 092
1990	34 979	35 893	36 298	36 627	37 155	36 741	38 917	37 317	36 668	36 871	37 085	34 225
1991	33 529	34 090	33 901	33 790	33 535	33 034	33 082	32 423	32 413	32 060	31 258	29 473
1992	29 302	29 169	29 269	28 606	28 330	27 536	27 338	26 873	25 493	25 561	24 343	23 630
1993	23 536	23 809	23 611	23 606	24 061	23 797	23 731	23 899	23 724	23 397	23 411	21 858
1994	22 236	22 385	21 967	22 108	21 770	21 348	21 521	21 285	20 498	20 578	20 162	19 230
1995	19 372	19 289	19 166	19 025	19 302	19 089	19 058	18 909	18 770	18 476	17 854	17 146
1996	17 179	17 447	17 615	17 506	17 574	17 651	17 735	17 646	17 370	17 287	17 112	16 067
1997	16 839	16 654	16 431	16 708	16 749	16 424	16 728	16 697	16 968	16 635	16 452	16 442
	Seasonally Adjusted—Millions of Dollars											
1987	29 682	29 822	29 805	30 202	30 231	30 336	30 650	31 009	31 301	31 652	32 254	32 156
1988	32 102	32 220	32 282	32 222	32 699	33 211	32 791	31 596	32 493	32 730	32 601	34 195
1989	34 585	34 411	34 899	34 816	34 982	35 088	35 283	35 320	35 119	35 312	35 514	35 246
1990	35 842	36 244	36 255	36 552	36 740	36 590	36 387	36 898	36 468	36 409	37 053	35 453
1991	34 404	34 436	33 923	33 704	33 157	32 885	32 619	31 818	32 211	31 653	31 183	30 576
1992	30 109	29 447	29 354	28 532	27 952	27 380	26 928	26 336	25 303	25 245	24 390	24 525
1993	24 150	24 025	23 705	23 557	23 746	23 653	23 365	23 421	23 547	23 141	23 500	22 695
1994	22 742	22 592	22 075	22 064	21 474	21 198	21 179	20 879	20 303	20 394	20 263	19 998
1995	19 736	19 440	19 296	18 996	19 043	18 937	18 736	18 564	18 589	18 349	17 956	17 850
1996	17 453	17 558	17 754	17 478	17 342	17 517	17 426	17 343	17 176	17 189	17 227	16 734
1997	17 054	16 739	16 546	16 672	16 549	16 315	16 447	16 434	16 770	16 544	16 561	17 152
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.6	.5	−.1	1.3	.1	.3	1.0	1.2	.9	1.1	1.9	−.3
1988	−.2	.4	.2	−.2	1.5	1.6	−1.3	−3.6	2.8	.7	−.4	4.9
1989	1.1	−.5	1.4	−.2	.5	.3	.6	.1	−.6	.5	.6	−.8
1990	1.7	1.1	–	.8	.5	−.4	−.6	.9	−.6	−.2	1.8	−4.3
1991	−3.0	.1	−1.5	−.6	−1.6	−.8	−.8	−2.5	1.2	−1.7	−1.5	−1.9
1992	−1.5	−2.2	−.3	−2.8	−2.0	−2.0	−1.7	−2.2	−3.9	−.2	−3.4	.6
1993	−1.5	−.5	−1.3	−.6	.8	−.4	−1.2	.2	.5	−1.7	1.6	−3.4
1994	.2	−.7	−2.3	–	−2.8	−1.3	−.1	−1.4	−2.8	.4	−.6	−1.3
1995	−1.3	−1.5	−.7	−1.6	.2	−.6	−1.1	−.9	.1	−1.3	−2.1	−.6
1996	−2.2	.6	1.1	−1.6	−.8	1.0	−.5	−.5	−1.0	.1	.2	−2.9
1997	1.9	−1.8	−1.2	.8	−.7	−1.4	.8	−.1	2.0	−1.3	.1	3.6

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	OTHER MATERIALS, SUPPLIES, AND INTERMEDIATE PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	108 644	109 157	109 167	109 715	109 991	109 143	109 729	110 583	110 733	111 226	112 377	112 953
1988	115 194	116 666	117 033	118 085	119 102	118 735	119 728	120 951	121 348	122 160	123 811	124 699
1989	128 274	129 365	130 390	131 321	131 775	130 683	132 529	133 082	131 703	131 956	132 292	130 772
1990	132 737	133 340	132 060	132 735	132 757	131 484	133 197	133 079	133 012	133 746	134 462	133 736
1991	136 087	136 367	135 092	134 910	133 349	131 367	131 058	130 523	129 818	129 777	130 303	128 887
1992	129 785	129 978	129 432	129 398	129 524	128 376	129 255	130 034	129 295	128 834	128 467	127 228
1993	128 251	128 770	128 338	128 727	128 691	127 456	128 760	129 462	128 241	128 848	128 909	127 992
1994	130 165	131 433	130 875	131 641	132 488	131 736	134 294	134 961	134 479	138 080	137 138	137 585
1995	141 574	143 945	144 367	146 675	147 747	147 538	150 631	150 606	149 896	150 339	150 415	149 149
1996	151 732	152 803	152 101	151 988	151 144	149 655	151 343	151 240	150 440	150 996	151 382	151 078
1997	152 945	154 231	153 747	154 310	154 804	153 249	154 878	155 602	154 359	154 822	155 741	155 489
	Seasonally Adjusted—Millions of Dollars											
1987	108 609	108 573	108 556	108 806	109 147	109 071	109 651	110 638	111 526	112 107	113 019	113 978
1988	114 869	115 861	116 435	117 174	118 279	118 967	119 734	121 045	122 195	123 038	124 345	125 688
1989	127 732	128 351	129 802	130 420	130 997	131 181	132 548	133 095	132 545	132 773	132 756	131 807
1990	132 197	132 343	131 626	131 952	132 092	132 154	133 194	132 976	133 784	134 376	134 752	134 811
1991	135 553	135 310	134 694	134 165	132 773	132 114	130 987	130 322	130 547	130 280	130 574	130 000
1992	129 334	128 984	129 099	128 734	129 016	129 108	129 049	129 755	130 010	129 307	128 786	128 441
1993	127 870	127 739	127 991	128 089	128 210	128 181	128 445	129 142	128 939	129 283	129 272	129 268
1994	129 801	130 354	130 559	131 030	132 006	132 517	133 849	134 546	135 198	136 546	137 556	139 030
1995	141 272	142 751	144 001	145 961	147 136	148 359	150 048	150 158	150 754	150 993	150 970	150 711
1996	151 400	151 477	151 747	151 236	150 468	150 504	150 768	150 795	151 273	151 676	151 918	152 604
1997	152 604	152 900	153 348	153 540	154 114	154 072	154 315	155 137	155 216	155 594	156 350	157 059
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.1	–	–	.2	.3	–.1	.5	.9	.8	.5	.8	.8
1988	.8	.9	.5	.6	.9	.6	.6	1.1	1.0	.7	1.1	1.1
1989	1.6	.5	1.1	.5	.4	.1	1.0	.4	–.4	.2	–	–.7
1990	.3	.1	–.5	.2	.1	–	.8	–.2	.6	.4	.3	–
1991	.6	–.2	–.5	–.4	–1.0	–.5	–.9	–.5	.2	–.2	.2	–.4
1992	–.5	–.3	.1	–.3	.2	.1	–	.5	.2	–.5	–.4	–.3
1993	–.4	–.1	.2	.1	.1	–	.2	.5	–.2	.3	–	–
1994	.4	.4	.2	.4	.7	.4	1.0	.5	.5	1.0	.7	1.1
1995	1.6	1.0	.9	1.4	.8	.8	1.1	.1	.4	.2	–	–.2
1996	.5	.1	.2	–.3	–.5	–	.2	–	.3	.3	.2	.5
1997	–	.2	.3	.1	.4	–	.2	.5	.1	.2	.5	.5
	NONDEFENSE CAPITAL GOODS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	67 074	67 485	66 857	67 697	67 921	67 293	67 348	67 932	66 925	67 842	68 292	66 975
1988	68 604	70 174	70 614	71 979	72 809	72 481	73 444	74 934	74 369	75 278	76 350	75 456
1989	77 917	80 221	79 981	81 501	82 621	82 890	84 255	84 982	84 358	85 404	86 215	84 621
1990	86 866	87 888	87 093	88 738	89 746	88 036	89 780	89 777	89 346	90 696	91 253	88 400
1991	90 699	91 930	91 167	92 347	92 076	89 974	90 669	90 623	89 218	89 458	89 140	86 277
1992	87 542	87 836	86 201	86 682	86 756	84 660	85 232	86 444	85 222	85 704	85 708	81 647
1993	82 848	84 278	82 895	84 002	84 748	83 130	84 678	84 191	83 549	84 614	84 696	80 561
1994	83 424	84 941	84 134	85 858	87 997	86 517	88 086	89 830	88 143	89 288	90 154	86 884
1995	90 652	92 733	91 803	93 470	95 557	92 906	94 959	96 343	95 740	97 888	98 654	94 498
1996	98 916	100 851	98 300	100 795	102 192	98 925	101 004	102 797	100 932	102 661	104 370	98 027
1997	102 355	105 492	103 676	106 700	108 604	106 590	109 228	111 182	108 050	111 098	112 712	104 787
	Seasonally Adjusted—Millions of Dollars											
1987	67 754	67 295	67 016	67 183	67 176	67 232	67 073	67 452	67 132	67 614	68 110	68 734
1988	69 269	69 883	70 805	71 405	71 981	72 511	73 097	74 378	74 646	75 036	76 089	77 448
1989	78 613	79 848	80 235	80 830	81 649	83 095	83 852	84 345	84 752	85 069	85 890	86 897
1990	87 532	87 426	87 402	88 015	88 655	88 409	89 344	89 031	89 742	90 278	90 821	90 894
1991	91 315	91 448	91 524	91 658	90 917	90 540	90 305	89 847	89 575	88 917	88 567	88 958
1992	88 317	87 421	86 818	86 195	85 588	85 310	84 885	85 525	85 455	84 984	84 850	84 351
1993	83 554	83 765	83 525	83 596	83 478	83 840	84 374	83 142	83 774	83 913	83 759	83 446
1994	84 149	84 332	84 976	85 500	86 541	87 331	87 734	88 551	88 423	88 600	89 083	90 184
1995	91 437	91 964	92 802	93 046	93 863	93 773	94 539	94 914	96 108	97 233	97 452	98 241
1996	99 785	99 929	99 497	100 300	100 317	99 911	100 494	101 259	101 329	102 035	103 084	101 852
1997	103 224	104 468	104 785	106 154	106 762	107 658	108 751	109 616	108 456	110 425	111 299	108 820
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.2	–.7	–.4	.2	–	.1	–.2	.6	–.5	.7	.7	.9
1988	.8	.9	1.3	.8	.8	.7	.8	1.8	.4	.5	1.4	1.8
1989	1.5	1.6	.5	.7	1.0	1.8	.9	.6	.5	.4	1.0	1.2
1990	.7	–.1	–	.7	.7	–.3	1.1	–.4	.8	.6	.6	.1
1991	.5	.1	.1	.1	–.8	–.4	–.3	–.5	–.3	–.7	–.4	.4
1992	–.7	–1.0	–.7	–.7	–.7	–.3	–.5	.8	–.1	–.6	–.2	–.6
1993	–.9	.3	–.3	.1	–.1	.4	.6	–1.5	.8	.2	–.2	–.4
1994	.8	.2	.8	.6	1.2	.9	.5	.9	–.1	.2	.5	1.2
1995	1.4	.6	.9	.3	.9	–.1	.8	.4	1.3	1.2	.2	.8
1996	1.6	.1	–.4	.8	–	–.4	.6	.8	.1	.7	1.0	–1.2
1997	1.3	1.2	.3	1.3	.6	.8	1.0	.8	–1.1	1.8	.8	–2.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONDEFENSE CAPITAL GOODS, EXCLUDING AIRCRAFT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	50 311	51 011	50 738	51 607	51 722	51 154	51 157	51 308	50 323	50 950	51 301	50 538
1988	51 667	52 810	53 032	53 882	54 811	54 345	54 926	55 738	55 698	56 422	56 865	55 723
1989	57 539	58 861	58 640	59 542	60 149	60 002	60 743	61 149	60 414	61 119	61 491	59 244
1990	60 793	61 719	60 635	61 552	61 971	60 462	61 210	61 518	60 658	60 858	60 775	58 198
1991	59 445	60 489	59 491	60 455	60 488	58 824	59 280	59 105	58 185	58 282	58 078	55 965
1992	56 911	57 349	56 571	57 396	58 067	56 702	57 432	58 215	57 144	57 519	57 948	55 008
1993	55 907	56 571	55 466	56 920	57 786	57 008	57 943	58 683	57 689	58 653	58 550	55 908
1994	57 995	59 346	58 988	60 543	61 600	60 734	61 973	63 134	61 886	62 946	63 570	60 949
1995	64 609	66 525	65 615	67 435	69 076	67 377	68 957	70 121	69 507	71 136	71 544	68 579
1996	71 586	72 675	70 284	72 574	73 043	69 956	71 469	72 406	70 266	70 827	71 578	66 453
1997	69 086	70 535	68 848	71 340	72 615	70 371	72 460	73 179	71 160	72 176	72 704	69 237
	Seasonally Adjusted—Millions of Dollars											
1987	50 819	50 888	50 811	51 124	51 035	51 008	50 882	50 940	50 573	50 931	51 282	51 885
1988	52 183	52 610	53 147	53 374	53 875	54 302	54 623	55 274	55 936	56 350	56 725	57 288
1989	58 119	58 615	58 862	59 007	59 308	60 098	60 402	60 566	60 638	60 955	61 249	61 031
1990	61 396	61 428	60 966	61 040	61 066	60 655	60 824	60 798	60 804	60 596	60 448	60 113
1991	60 069	60 251	59 935	60 010	59 571	59 089	58 902	58 329	58 295	57 910	57 685	58 006
1992	57 517	57 176	57 195	57 007	57 113	57 016	57 037	57 393	57 294	57 056	57 420	57 050
1993	56 486	56 363	56 125	56 537	56 763	57 348	57 527	57 760	57 873	58 190	57 973	58 105
1994	58 598	59 078	59 860	60 157	60 415	61 173	61 475	62 028	62 140	62 493	62 928	63 446
1995	65 284	66 127	66 608	66 943	67 678	67 888	68 384	68 875	69 846	70 718	70 811	71 495
1996	72 355	72 132	71 466	72 011	71 462	70 550	70 776	71 061	70 615	70 491	70 889	69 321
1997	69 875	69 987	69 928	70 713	71 039	70 964	71 725	71 811	71 507	71 894	72 031	72 253
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.4	.1	–.2	.6	–.2	–.1	–.2	.1	–.7	.7	.7	1.2
1988	.6	.8	1.0	.4	.9	.8	.6	1.2	1.2	.7	.7	1.0
1989	1.5	.9	.4	.2	.5	1.3	.5	.3	.1	.5	.5	–.4
1990	.6	.1	–.8	.1	–	–.7	.3	–	–	–.3	–.2	–.8
1991	–.1	.3	–.5	.1	–.7	–.8	–.3	–1.0	–.1	–.7	–.4	.6
1992	–.8	–.6	–	–.3	.2	–.2	–	.6	–.2	–.4	.6	–.6
1993	–1.0	–.2	–.4	.7	.4	1.0	.3	.4	.2	.5	–.4	.2
1994	.8	.8	1.3	.5	.4	1.3	.5	.9	.2	.6	.7	.8
1995	2.9	1.3	.7	.5	1.1	.3	.7	.7	1.4	1.2	.1	1.0
1996	1.2	–.3	–.9	.8	–.8	–1.3	.3	.4	–.6	–.2	.8	–2.2
1997	.8	.2	–.1	1.1	.5	–.1	1.1	.1	–.4	.5	.2	.3
	DEFENSE CAPITAL GOODS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	30 975	31 636	31 876	32 363	32 689	32 678	33 401	33 658	33 765	34 250	34 474	33 277
1988	33 555	34 217	34 544	34 583	35 480	35 793	35 802	34 586	35 216	35 647	35 110	35 457
1989	36 149	36 580	37 537	37 431	38 160	37 870	38 460	38 598	37 755	38 437	38 202	38 549
1990	37 482	38 464	38 886	39 255	39 733	39 273	39 545	40 014	39 357	39 577	39 747	38 609
1991	36 006	36 635	36 465	36 394	36 047	35 585	35 408	34 582	34 871	34 471	33 558	31 323
1992	31 084	31 071	31 256	30 400	30 390	29 530	29 336	28 665	27 064	27 105	25 899	24 809
1993	24 752	24 975	24 774	24 723	25 103	24 954	24 802	25 022	24 727	24 367	24 370	22 557
1994	22 961	23 179	22 614	22 801	22 478	21 966	22 177	21 934	21 152	21 263	20 825	19 665
1995	19 865	19 849	19 707	19 636	19 896	19 631	19 577	19 431	19 273	18 964	18 284	17 305
1996	17 463	17 797	17 989	17 898	17 996	18 099	18 236	18 109	17 768	17 619	17 323	16 178
1997	17 006	16 862	16 630	16 877	18 943	16 641	16 973	16 969	17 190	16 810	16 581	18 693
	Seasonally Adjusted—Millions of Dollars											
1987	31 736	31 914	31 821	32 309	32 327	32 458	32 855	33 201	33 503	33 908	34 558	34 433
1988	34 385	34 522	34 513	34 516	35 086	35 600	35 234	34 058	34 949	35 210	35 122	36 759
1989	37 103	36 949	37 511	37 353	37 709	37 685	37 870	37 931	37 508	37 913	38 161	37 953
1990	38 547	38 907	38 870	39 177	39 260	39 070	38 965	39 263	39 068	39 019	39 624	38 103
1991	37 094	37 077	36 517	36 303	35 607	35 363	34 894	33 863	34 595	33 980	33 391	32 671
1992	32 061	31 426	31 377	30 317	29 955	29 303	28 865	28 028	26 816	26 721	25 872	25 910
1993	25 510	25 245	24 906	24 668	24 746	24 759	24 384	24 465	24 500	24 055	24 403	23 566
1994	23 583	23 429	22 754	22 775	22 148	21 779	21 785	21 464	20 910	21 034	20 889	20 586
1995	20 337	20 035	19 870	19 607	19 604	19 443	19 193	19 016	19 036	18 793	18 360	18 146
1996	17 840	17 938	18 156	17 872	17 738	17 931	17 860	17 738	17 517	17 482	17 425	18 977
1997	17 316	16 975	16 766	16 845	16 724	16 503	16 633	16 641	16 940	16 684	16 684	17 556
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	.6	–.3	1.5	.1	.4	1.2	1.1	.9	1.2	1.9	–.4
1988	–.1	.4	–	–	1.7	1.5	–1.0	–3.3	2.6	.7	–.2	4.7
1989	.9	–.4	1.5	–.4	1.0	–.1	.5	.2	–1.1	1.1	.7	–.5
1990	1.6	.9	–.1	.8	.2	–.5	–.3	.8	–.5	–.1	1.6	–3.8
1991	–2.6	–	–1.5	–.6	–1.9	–.7	–1.3	–3.0	2.2	–1.8	–1.7	–2.2
1992	–1.9	–2.0	–.2	–3.4	–1.2	–2.2	–1.5	–2.9	–4.3	–.4	–3.2	.1
1993	–1.5	–1.0	–1.3	–1.0	.3	.1	–1.5	.3	.1	–1.8	1.4	–3.4
1994	.1	–.7	–2.9	.1	–2.8	–1.7	–	–1.5	–2.6	.6	–.7	–1.5
1995	–1.2	–1.5	–.8	–1.3	–	–.8	–1.3	–.9	.1	–1.3	–2.3	–1.2
1996	–1.7	.5	1.2	–1.6	–.7	1.1	–.4	–.7	–1.2	–.2	–.3	–2.8
1997	2.0	–2.0	–1.2	.5	–.7	–1.3	.8	–	1.8	–1.5	–	5.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	DURABLES, EXCLUDING CAPITAL GOODS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	112 679	113 329	113 843	114 034	114 658	113 657	113 382	113 929	114 331	114 394	115 312	116 091
1988	118 958	120 926	120 886	121 484	122 648	121 797	122 617	123 906	124 163	124 555	125 982	126 597
1989	130 182	131 538	132 268	133 325	134 112	132 784	134 494	134 797	133 369	133 223	133 265	130 888
1990	134 389	134 805	133 611	134 432	134 681	132 807	133 601	134 177	133 408	133 431	133 894	132 354
1991	134 283	135 188	133 174	132 450	130 945	129 275	128 639	128 810	128 200	127 935	128 327	126 521
1992	128 162	128 983	128 571	128 840	129 151	128 544	128 676	130 070	129 347	128 395	127 865	125 862
1993	127 227	129 208	129 679	130 236	130 706	129 698	130 057	131 864	130 800	131 218	131 475	130 188
1994	133 309	135 054	134 356	134 435	135 658	135 239	137 818	139 123	138 783	139 460	140 839	140 452
1995	144 034	146 416	146 807	148 588	149 529	149 074	151 500	151 815	150 431	151 107	151 242	149 335
1996	152 987	154 468	154 002	153 723	153 861	152 349	154 066	154 742	153 769	154 034	153 615	152 342
1997	154 900	156 862	156 307	157 692	158 653	157 365	159 003	159 786	158 744	158 862	159 131	157 286
	Seasonally Adjusted—Millions of Dollars											
1987	112 645	112 420	112 952	112 982	113 418	113 421	113 502	113 927	115 045	115 493	116 413	117 632
1988	118 656	119 811	120 032	120 493	121 426	121 805	122 744	123 878	124 908	125 626	126 948	128 261
1989	129 744	130 258	131 499	132 378	132 925	133 005	134 653	134 654	134 102	134 185	134 045	132 663
1990	134 001	133 509	132 965	133 609	133 658	133 121	133 708	133 863	134 014	134 208	134 494	134 212
1991	134 002	133 868	132 623	131 740	130 132	129 857	128 655	128 320	128 646	128 512	128 806	128 390
1992	128 111	127 843	128 131	128 233	128 470	128 884	128 486	129 477	129 736	128 879	128 341	127 844
1993	127 265	128 073	129 223	129 647	130 025	130 052	129 727	131 152	131 143	131 649	131 989	132 322
1994	133 339	133 898	133 925	133 863	134 991	135 661	137 366	138 299	139 176	139 939	141 465	142 854
1995	144 073	145 194	146 332	147 878	148 668	149 493	150 837	150 818	150 890	151 693	152 014	151 966
1996	153 082	153 244	153 598	152 981	152 940	152 840	153 405	153 687	154 246	154 629	154 387	154 986
1997	154 977	155 637	155 848	156 881	157 657	157 852	158 339	158 725	159 264	159 545	159 966	159 996
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–.2	.5	–	.4	–	.1	.4	1.0	.4	.8	1.0
1988	.9	1.0	.2	.4	.8	.3	.8	.9	.8	.6	1.1	1.0
1989	1.2	.4	1.0	.7	.4	.1	1.2	–	–.4	.1	–.1	–1.0
1990	1.0	–.4	–.4	.5	–	–.4	.4	.1	.1	.1	.2	–.2
1991	–.2	–.1	–.9	–.7	–1.2	–.4	–.8	–.3	.3	–.1	.2	–.3
1992	–.2	–.2	.2	.1	.2	.3	–.3	.8	.2	–.7	–.4	–.4
1993	–.5	.6	.9	.3	.3	–	–.2	1.1	–	.4	.3	.3
1994	.8	.4	–	–	.8	.5	1.3	.7	.6	.5	1.1	1.0
1995	.9	.8	.8	1.1	.5	.6	.9	–	–	.5	.2	–
1996	.7	.1	.2	–.4	–	–.1	.4	.2	.4	.2	–.2	.4
1997	–	.4	.1	.7	.5	.1	.3	.2	.3	.2	.3	–
	PRODUCERS' DURABLE EQUIPMENT—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	121 667	122 737	122 477	123 260	123 786	122 451	122 311	123 053	122 581	123 590	124 127	123 157
1988	126 301	128 763	129 049	130 448	131 862	131 168	131 915	134 549	133 990	134 945	136 800	136 525
1989	140 712	143 734	144 033	145 589	146 774	146 178	148 313	149 290	147 605	148 770	149 459	146 112
1990	151 037	151 672	150 589	152 399	153 380	150 084	152 003	152 582	151 371	152 880	153 677	149 844
1991	152 763	155 023	153 201	153 790	152 773	149 712	149 646	149 921	148 806	149 158	149 435	145 581
1992	148 418	149 148	147 438	148 073	148 589	146 354	146 879	149 229	147 899	147 872	147 771	141 976
1993	144 228	146 772	145 894	147 573	148 675	146 632	147 381	149 000	147 903	149 092	149 381	144 239
1994	148 443	151 350	149 934	151 476	154 299	152 527	155 462	157 997	156 416	157 546	159 205	155 298
1995	160 780	164 125	163 288	165 775	168 236	165 474	168 182	169 730	168 056	170 271	171 245	165 868
1996	172 015	175 000	172 518	174 917	176 193	171 960	175 158	177 823	175 396	177 167	178 226	171 014
1997	177 262	181 461	179 442	183 620	186 157	183 475	188 859	188 474	184 532	187 463	189 148	179 571
	Seasonally Adjusted—Millions of Dollars											
1987	122 201	121 992	122 044	122 191	122 466	122 503	122 331	122 592	123 102	123 771	124 488	125 811
1988	126 679	127 780	128 601	129 332	130 431	131 411	131 880	134 033	134 649	135 176	137 013	139 539
1989	141 044	142 537	143 644	144 386	145 198	146 658	148 286	148 664	148 411	148 909	149 481	149 452
1990	151 380	150 348	150 283	151 186	151 771	150 721	151 927	151 781	152 113	152 877	153 470	153 422
1991	153 134	153 675	153 058	152 729	151 268	150 543	149 563	148 967	149 350	148 909	148 964	149 320
1992	149 146	148 044	147 724	147 260	147 099	147 204	146 610	148 026	148 243	147 387	146 982	145 842
1993	144 995	145 648	146 263	146 832	147 017	147 489	147 044	147 533	148 172	148 611	148 585	148 465
1994	149 312	150 182	150 534	150 746	152 438	153 456	154 970	156 213	156 792	157 152	158 410	160 123
1995	161 709	162 777	163 975	164 869	166 021	166 435	167 485	167 699	168 562	169 959	170 422	171 318
1996	173 093	173 541	173 382	173 868	173 735	173 026	174 299	175 634	176 003	176 953	177 422	176 608
1997	178 326	179 907	180 155	182 458	183 672	184 612	185 966	186 254	185 196	187 259	188 275	185 396
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.1	–.2	–	.1	.2	–	–.1	.2	.4	.5	.6	1.1
1988	.7	.9	.6	.6	.8	.8	.4	1.6	.5	.4	1.4	1.8
1989	1.1	1.1	.8	.5	.6	1.0	1.1	.3	–.2	.3	.4	–
1990	1.3	–.7	–	.6	.4	–.7	.8	–.1	.2	.5	.4	–
1991	–.2	.4	–.4	–.2	–1.0	–.5	–.7	–.4	.3	–.3	–	.2
1992	–.1	–.7	–.2	–.3	–.1	.1	–.4	1.0	.1	–.6	–.3	–.8
1993	–.6	.5	.4	.4	.1	.3	–.3	.3	.4	.3	–	–.1
1994	.6	.6	.2	.1	1.1	.7	1.0	.8	.4	.2	.8	1.1
1995	1.0	.7	.7	.5	.7	.2	.6	.1	.5	.8	.3	.5
1996	1.0	.3	–.1	.3	–.1	–.4	.7	.8	.2	.5	.3	–.5
1997	1.0	.9	.1	1.3	.7	.5	.7	.2	–.6	1.1	.5	–1.5

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HOUSEHOLD DURABLE GOODS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	11 334	11 568	11 633	11 867	12 189	12 088	12 215	11 985	11 801	11 815	11 643	11 749
1988	12 158	12 457	12 380	12 474	12 767	12 748	12 848	12 718	12 403	12 357	12 307	12 466
1989	12 962	13 084	13 148	13 428	13 636	13 438	13 618	13 727	13 446	13 365	13 185	13 008
1990	13 561	13 721	13 808	14 069	14 280	14 072	13 900	13 906	13 624	13 449	13 184	12 903
1991	13 199	13 292	12 890	12 844	12 908	12 737	12 522	12 438	12 414	12 273	12 232	12 164
1992	12 749	12 802	12 731	12 885	13 127	13 123	13 041	12 994	12 649	12 547	12 252	12 008
1993	12 437	12 510	12 662	12 946	13 404	13 315	13 352	13 365	12 891	12 890	12 609	12 499
1994	13 070	13 387	13 319	13 452	13 762	13 757	13 929	14 255	13 924	13 896	13 902	13 834
1995	14 520	14 889	14 730	15 175	15 490	15 408	15 329	15 218	14 967	14 978	14 744	14 676
1996	15 248	15 591	15 133	15 260	15 416	15 130	14 740	15 042	14 828	14 702	14 443	14 160
1997	14 718	14 893	14 678	14 973	15 328	15 258	15 518	15 594	15 158	15 167	14 996	14 549
	Seasonally Adjusted—Millions of Dollars											
1987	11 423	11 533	11 613	11 640	11 827	11 793	11 912	11 812	11 974	12 071	12 118	12 190
1988	12 246	12 400	12 356	12 253	12 392	12 457	12 562	12 561	12 571	12 605	12 761	12 948
1989	13 034	13 002	13 123	13 207	13 235	13 139	13 357	13 579	13 619	13 628	13 640	13 541
1990	13 628	13 630	13 784	13 856	13 857	13 761	13 657	13 748	13 765	13 684	13 612	13 446
1991	13 257	13 213	12 884	12 677	12 542	12 463	12 319	12 274	12 518	12 455	12 615	12 678
1992	12 809	12 734	12 746	12 750	12 764	12 842	12 818	12 803	12 755	12 722	12 631	12 515
1993	12 494	12 429	12 675	12 814	13 023	13 044	13 131	13 153	13 001	13 064	12 995	13 038
1994	13 131	13 284	13 334	13 318	13 368	13 491	13 706	14 024	14 047	14 086	14 333	14 452
1995	14 592	14 761	14 745	15 016	15 044	15 115	15 068	14 929	15 053	15 176	15 198	15 368
1996	15 351	15 469	15 184	15 129	15 007	14 859	14 481	14 760	14 918	14 889	14 858	14 813
1997	14 806	14 761	14 715	14 835	14 933	15 011	15 252	15 315	15 234	15 343	15 407	15 193
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.9	1.0	.7	.2	1.6	–.3	1.0	–.8	1.4	.8	.4	.6
1988	.5	1.3	–.4	–.8	1.1	.5	.8	–	.1	.3	1.2	1.5
1989	.7	–.2	.9	.6	.2	–.7	1.7	1.7	.3	.1	.1	–.7
1990	.6	–	1.1	.5	–	–.7	–.8	.7	.1	–.6	–.5	–1.2
1991	–1.4	–.3	–2.5	–1.6	–1.1	–.6	–1.2	–.4	2.0	–.5	1.3	.5
1992	1.0	–.6	.1	–	.1	.6	–.2	–.1	–.4	–.3	–.7	–.9
1993	–.2	–.5	2.0	1.1	1.6	.2	.7	.2	–1.2	.5	–.5	.3
1994	.7	1.2	.4	–.1	.4	.9	1.6	2.3	.2	.3	1.8	.8
1995	1.0	1.2	–.1	1.8	.2	.5	–.3	–.9	.8	.8	.1	1.1
1996	–.1	.8	–1.8	–.4	–.8	–1.0	–2.5	1.9	1.1	–.2	–.2	–.3
1997	–	–.3	–.3	.8	.7	.5	1.6	.4	–.5	.7	.4	–1.4
	INFORMATION TECHNOLOGY INDUSTRIES—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	25 693	26 007	25 731	26 165	26 609	26 230	26 383	28 620	26 128	26 405	26 524	26 249
1988	26 718	27 369	27 375	27 959	28 593	28 340	28 851	29 469	29 247	29 752	29 976	29 441
1989	30 074	30 725	30 699	31 221	31 539	31 186	32 165	32 475	31 963	32 558	33 126	31 446
1990	31 974	32 357	31 911	32 621	32 988	31 839	32 614	33 008	32 227	32 361	32 242	30 319
1991	30 848	31 298	30 625	31 256	31 389	30 237	31 038	30 864	30 321	30 418	30 431	29 401
1992	29 861	29 937	29 444	29 949	30 420	29 418	29 923	30 453	29 914	30 202	30 275	28 652
1993	29 010	29 201	28 481	29 292	29 944	29 239	30 161	30 433	29 885	30 299	30 154	28 506
1994	29 485	30 380	29 864	30 753	31 379	30 782	31 480	32 120	31 020	31 613	31 744	29 923
1995	32 212	33 064	31 742	32 961	33 853	32 933	34 105	34 917	34 504	35 793	36 000	34 170
1996	35 929	36 401	34 974	36 672	36 758	34 524	35 656	36 103	34 640	34 807	34 648	31 765
1997	33 128	33 964	32 740	34 195	35 004	33 804	35 381	35 695	34 218	34 465	34 809	32 528
	Seasonally Adjusted—Millions of Dollars											
1987	26 092	26 090	25 915	25 994	26 220	26 205	26 124	26 212	26 203	26 285	26 458	26 932
1988	27 111	27 418	27 606	27 796	28 174	28 439	28 577	28 983	29 313	29 584	29 783	30 254
1989	30 503	30 771	31 021	31 063	31 066	31 422	31 854	31 891	32 000	32 303	32 790	32 388
1990	32 432	32 410	32 326	32 497	32 490	32 179	32 264	32 376	32 219	32 042	31 841	31 307
1991	31 295	31 365	31 112	31 167	30 896	30 601	30 683	30 217	30 268	30 048	30 009	30 466
1992	30 294	30 016	30 057	29 881	29 888	29 776	29 542	29 773	29 894	29 795	29 790	29 776
1993	29 420	29 231	29 119	29 216	29 361	29 581	29 779	29 703	29 895	29 890	29 678	29 748
1994	29 899	30 336	30 687	30 681	30 693	31 198	31 031	31 265	31 102	31 210	31 226	31 308
1995	32 647	32 928	32 659	32 824	33 054	33 390	33 583	33 925	34 643	35 388	35 388	35 904
1996	36 471	36 188	36 075	36 471	35 833	35 034	35 034	35 027	34 779	34 481	34 103	33 401
1997	33 664	33 767	33 721	33 936	34 113	34 299	34 726	34 606	34 350	34 196	34 301	34 230
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.4	–	–.7	.3	.9	–.1	–.3	.3	–	.3	.7	1.8
1988	.7	1.1	.7	.7	1.4	.9	.5	1.4	1.1	.9	.7	1.6
1989	.8	.9	.8	.1	–	1.1	1.4	.1	.3	.9	1.5	–1.2
1990	.1	–.1	–.3	.5	–	–1.0	.3	.3	–.5	–.5	–.6	–1.7
1991	–	.2	–.8	.2	–.9	–1.0	.3	–1.5	.2	–.7	–.1	1.5
1992	–.6	–.9	.1	–.6	–	–.4	–.8	.8	.4	–.3	–	–
1993	–1.2	–.6	–.4	.3	.5	.7	.7	–.3	.6	–	–.7	.2
1994	.5	1.5	1.2	–	–	1.6	–.5	.8	–.5	.3	.1	.3
1995	4.3	.9	–.8	.5	.7	1.0	.8	1.0	2.1	2.2	–	1.5
1996	1.6	–.8	–.3	1.1	–1.7	–2.2	–	–	–.7	–.9	–1.1	–2.1
1997	.8	.3	–.1	.6	.5	.5	1.2	–.3	–.7	–.4	.3	–.2

See footnotes at end of table.

Table 4. Manufacturers' Total Inventories and Percent Changes for Industry Categories and Topical Series, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	HEALTH CARE EQUIPMENT AND PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 690	8 825	8 841	8 892	9 050	9 058	9 012	9 028	8 965	9 065	9 209	9 151
1988	9 271	9 541	9 708	9 758	10 049	10 092	10 190	10 300	10 206	10 355	10 496	10 474
1989	10 657	10 875	11 112	11 397	11 610	11 698	11 394	11 436	11 318	11 504	11 599	11 403
1990	11 846	11 964	12 031	12 193	12 342	12 135	12 173	12 431	12 247	12 498	12 532	12 200
1991	12 383	12 534	12 622	12 894	13 084	13 084	13 199	13 280	13 217	13 549	13 669	13 334
1992	13 375	13 641	13 621	13 979	14 139	13 889	14 076	14 245	14 042	14 388	14 404	14 089
1993	14 232	14 385	14 435	14 609	14 907	14 777	14 770	14 864	14 635	14 724	14 791	14 233
1994	14 279	14 598	14 644	14 886	15 207	15 051	15 162	15 232	14 917	14 893	14 866	14 422
1995	14 288	14 544	14 623	14 991	15 329	15 408	15 538	15 752	15 652	15 865	15 794	15 621
1996	15 842	16 131	16 256	16 513	16 787	16 699	16 662	18 838	16 627	16 843	18 821	16 505
1997	18 557	16 996	16 955	17 548	17 735	17 649	17 844	17 920	17 885	18 450	18 689	17 853
	Seasonally Adjusted—Millions of Dollars											
1987	8 822	8 877	8 850	8 814	8 866	8 943	8 915	8 980	9 072	9 100	9 224	9 342
1988	9 404	9 590	9 715	9 672	9 841	9 982	10 088	10 247	10 329	10 386	10 505	10 697
1989	10 807	10 917	11 120	11 295	11 373	11 599	11 294	11 370	11 445	11 513	11 591	11 649
1990	12 019	12 010	12 057	12 086	12 101	12 047	12 076	12 345	12 371	12 474	12 493	12 471
1991	12 588	12 596	12 680	12 794	12 839	13 001	13 097	13 155	13 322	13 485	13 593	13 640
1992	13 635	13 752	13 736	13 895	13 895	13 779	13 958	14 076	14 111	14 292	14 296	14 423
1993	14 549	14 515	14 578	14 533	14 642	14 646	14 644	14 653	14 677	14 630	14 693	14 581
1994	14 627	14 738	14 798	14 810	14 927	14 901	15 026	14 998	14 947	14 807	14 784	14 782
1995	14 648	14 680	14 775	14 908	15 041	15 250	15 398	15 510	15 689	15 780	15 721	16 007
1996	16 233	16 268	16 419	18 408	16 478	16 536	18 517	16 600	16 689	16 750	18 745	16 907
1997	16 935	17 120	17 115	17 422	17 415	17 490	17 696	17 691	17 978	18 347	18 611	18 276
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.7	.6	–.3	–.4	.6	.9	–.3	.7	1.0	.3	1.4	1.3
1988	.7	2.0	1.3	–.4	1.7	1.4	1.1	1.6	.8	.6	1.1	1.8
1989	1.0	1.0	1.9	1.6	.7	2.0	–2.6	.7	.7	.6	.7	.5
1990	3.2	–.1	.4	.2	.1	–.4	.2	2.2	.2	.8	.2	–.2
1991	.9	.1	.7	.9	.4	1.3	.7	.4	1.3	1.2	.8	.3
1992	–	.9	–.1	1.2	–	–.8	1.3	.8	.2	1.3	–	.9
1993	.9	–.2	.4	–.3	.8	–	–	.1	.2	–.3	.4	–.8
1994	.3	.8	.4	.1	.8	–.2	.8	–.2	–.3	–.9	–.2	–
1995	–.9	.2	.6	.9	.9	1.4	1.0	.7	1.2	.6	–.4	1.8
1996	1.4	.2	.9	–.1	.4	.4	–.1	.5	.5	.4	–	1.0
1997	.2	1.1	–	1.8	–	.4	1.2	–	1.6	2.1	1.4	–1.8

Note: Data in this table may differ from annual data at the aggregate level shown in appendix D, table 1 because of independent rounding.

– Represents no change. (X) Not applicable.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997

Year	January	February	March	April	May	June	July	August	September	October	November	December
ALL MANUFACTURING INDUSTRIES, TOTAL—TOTAL INVENTORIES												
Not Seasonally Adjusted—Millions of Dollars												
1987	322 491	324 967	324 762	326 933	326 722	326 502	327 613	330 402	329 606	332 073	334 327	332 619
1988	339 130	344 469	345 677	349 104	352 946	352 350	354 982	357 895	357 795	360 681	383 116	363 300
1989	372 146	377 053	376 831	383 321	386 477	385 186	390 165	392 089	368 523	390 806	391 577	384 539
1990	394 114	397 531	395 455	396 599	400 750	395 727	400 622	402 679	402 697	405 723	406 487	397 650
1991	403 730	406 538	402 012	403 029	399 709	393 621	393 645	393 339	391 775	392 591	391 696	383 509
1992	387 502	389 030	386 642	387 374	388 368	383 535	385 888	389 531	385 760	386 698	383 519	374 906
1993	380 056	363 573	382 115	384 987	387 094	383 121	385 339	367 663	384 850	386 527	385 940	375 982
1994	384 104	386 639	386 411	389 204	392 962	389 527	396 578	400 092	396 721	400 319	401 830	395 974
1995	407 520	414 494	414 835	420 311	425 164	421 825	427 548	429 687	428 165	430 908	429 786	421 285
1996	431 902	436 768	433 182	435 707	436 240	430 010	434 354	437 214	434 505	437 488	437 938	427 130
1997	437 097	443 876	440 694	446 775	450 616	445 734	451 052	455 123	451 811	456 570	456 113	446 131
Seasonally Adjusted—Millions of Dollars												
1987	323 662	323 677	324 132	324 768	325 985	326 451	326 970	329 125	330 754	332 555	335 386	338 109
1988	339 972	342 843	345 160	346 875	350 048	352 689	354 217	358 442	359 053	381 064	363 975	369 374
1989	372 911	375 123	378 372	381 051	383 506	386 125	389 422	390 274	389 762	390 680	392 093	391 212
1990	394 986	395 607	395 314	396 448	397 883	397 048	399 773	400 688	403 670	404 971	406 437	405 073
1991	404 673	404 517	402 037	401 067	397 089	395 545	392 914	390 946	392 499	391 416	391 370	390 950
1992	388 835	387 253	387 170	385 762	385 792	385 222	384 888	386 754	388 160	385 288	383 106	382 510
1993	381 366	381 594	382 578	383 505	384 369	384 889	384 260	384 902	385 166	385 188	385 722	384 039
1994	385 502	386 533	387 036	387 745	389 957	391 305	395 305	396 627	396 975	399 044	401 829	404 677
1995	409 071	412 092	415 625	416 566	421 634	423 425	425 920	426 131	428 522	429 678	429 716	430 985
1996	433 597	434 023	434 157	433 815	432 518	432 102	432 854	433 794	434 864	436 426	437 606	436 729
1997	438 641	440 915	441 676	444 714	446 868	447 947	449 657	451 737	452 224	455 553	457 768	456 133
Seasonally Adjusted—Percent Change From Previous Period												
1987	.3	–	.1	.2	.4	.1	.2	.7	.5	.5	.9	.6
1988	.6	.8	.7	.5	.9	.8	.4	.6	.7	.6	.6	1.5
1989	1.0	.6	.9	.7	.6	.7	.9	.2	–.1	.2	.4	–.2
1990	1.0	.2	–.1	.3	.4	–.2	.7	.2	.7	.3	.4	–.3
1991	–.1	–	–.6	–.2	–1.0	–.4	–.7	–.5	.4	–.3	–	–.1
1992	–.5	–.4	–	–.4	–	–.1	–.1	.5	–.2	–.2	–.6	–.2
1993	–.3	.1	.3	.2	.2	.1	–.2	.2	.1	–	.1	–.4
1994	.4	.3	.1	.2	.6	.3	1.0	.4	–	.5	.8	.6
1995	1.0	.7	.9	.7	.7	.4	.8	–	.6	.3	–	.3
1996	.6	.1	–	–.1	–.3	–.1	.2	.2	.2	.4	.3	–.2
1997	.4	.5	.2	.7	.5	.2	.4	.5	.1	.7	.5	–.4
ALL MANUFACTURING INDUSTRIES, TOTAL—MATERIALS AND SUPPLIES												
Not Seasonally Adjusted—Millions of Dollars												
1987	104 806	104 393	104 003	105 126	105 207	105 436	105 673	105 684	106 426	106 765	107 314	109 512
1988	110 552	110 884	111 820	112 515	113 142	114 200	115 501	117 001	117 518	118 014	118 181	119 712
1989	121 227	121 717	121 621	121 878	121 386	121 545	123 125	123 837	122 750	123 429	123 756	123 830
1990	124 663	124 029	123 220	123 237	123 010	122 321	124 096	124 233	124 157	125 756	126 244	127 006
1991	128 320	127 403	125 931	124 947	123 645	122 387	123 131	123 412	123 101	123 906	123 469	124 540
1992	124 687	123 568	122 417	122 314	122 168	122 900	123 595	124 406	124 240	123 808	123 075	124 029
1993	124 513	123 842	123 588	124 386	125 057	124 656	125 817	127 079	126 373	127 206	127 672	126 001
1994	127 573	127 531	126 989	127 860	128 681	129 141	131 258	132 475	133 020	134 313	135 116	136 717
1995	138 222	139 336	139 631	141 439	142 595	143 504	145 515	147 100	146 649	148 429	148 274	147 746
1996	149 721	149 632	147 435	148 043	147 303	145 234	147 427	147 651	147 311	147 731	147 352	148 733
1997	147 914	148 101	147 449	147 921	146 365	148 183	150 098	150 086	151 057	152 061	150 649	150 949
Seasonally Adjusted—Millions of Dollars												
1987	103 939	103 833	104 133	105 064	105 604	106 001	105 738	105 650	106 826	107 069	107 764	108 881
1988	109 517	110 279	111 974	112 507	113 624	114 892	115 572	116 889	117 910	118 238	118 464	119 007
1989	120 079	121 119	121 796	121 616	121 979	122 382	123 207	123 635	123 111	123 502	123 936	123 109
1990	123 433	123 474	123 469	123 511	123 698	123 292	124 266	123 982	124 502	125 624	126 197	126 204
1991	127 107	126 943	126 269	125 337	124 383	123 410	123 362	123 094	123 386	123 649	123 381	123 845
1992	123 569	123 172	122 903	122 702	122 850	123 672	123 760	124 024	124 508	123 425	122 948	123 466
1993	123 451	123 461	124 182	124 796	125 693	125 779	125 886	126 560	126 555	126 731	127 581	127 662
1994	126 550	127 096	127 760	126 302	129 273	130 047	131 226	131 674	133 147	133 776	135 035	138 625
1995	137 269	138 679	140 516	141 860	143 124	144 390	145 314	146 396	146 654	147 861	146 239	147 901
1996	146 834	149 063	148 385	148 474	147 783	146 198	147 221	147 057	147 251	147 187	147 394	148 854
1997	146 976	147 477	148 251	148 309	148 860	149 189	149 867	149 613	150 956	151 535	150 774	151 077
Seasonally Adjusted—Percent Change From Previous Period												
1987	.3	–.1	.3	.9	.5	.4	–.2	–.1	1.1	.2	.6	1.0
1988	.6	.7	1.5	.5	1.0	1.1	.6	1.1	.9	.3	.2	.5
1989	.9	.9	.6	–	.1	.3	.7	.3	–.4	.3	.4	–.7
1990	.3	–	–	–	.2	–.3	.6	–.2	.4	.9	.5	–
1991	.7	–.1	–.5	–.7	–.8	–.8	–	–.2	.2	.2	–.2	.4
1992	–.2	–.3	–.2	–.2	.1	.8	–.1	.2	.4	–.9	–.4	.4
1993	–	–	.6	.5	.7	.1	.1	.5	–	.1	.7	.1
1994	–.9	.4	.5	.4	.6	.6	.9	.5	1.0	.5	.9	1.2
1995	.5	1.2	1.2	1.0	.9	.9	.6	.7	.2	.6	.3	–.2
1996	.6	.2	–.5	.1	–.5	–1.1	.7	–.1	.1	–	.1	–.4
1997	.1	.3	.5	–	.4	.2	.5	–.2	.9	.4	–.5	.2

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	Jenuery	Februery	Merch	April	May	June	July	August	September	October	November	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	113 700	115 711	115 973	115 954	116 786	116 381	116 853	118 816	119 558	120 341	121 091	118 144
1988	120 981	123 863	124 321	125 411	127 562	126 831	127 635	128 041	128 485	129 661	130 702	129 609
1989	132 707	135 150	137 755	140 086	141 495	140 896	143 385	144 294	142 620	143 828	144 077	139 670
1990	144 341	145 381	145 318	146 938	148 000	144 997	147 524	148 989	149 097	149 821	149 865	142 545
1991	144 152	145 517	144 683	145 045	143 921	142 473	142 935	141 657	141 536	140 831	139 473	133 515
1992	134 765	135 499	134 892	134 492	133 976	130 980	131 245	131 954	130 264	131 030	128 841	124 004
1993	125 372	127 478	126 876	126 960	126 925	126 060	127 306	128 022	128 049	129 102	127 551	121 855
1994	125 700	127 303	126 678	126 814	128 374	128 205	130 842	132 094	131 364	132 472	132 318	127 397
1995	132 505	133 938	133 185	133 765	135 064	132 317	134 986	135 164	134 863	134 935	134 302	128 905
1996	133 169	134 621	134 390	135 268	136 102	134 906	136 829	138 317	137 404	139 294	139 751	133 630
1997	137 720	140 149	139 734	141 466	143 230	141 033	144 050	146 483	145 039	147 280	149 075	142 289
	Seasonally Adjusted—Millions of Dollars											
1987	115 231	115 785	115 531	115 357	115 739	116 416	116 374	117 888	118 981	119 516	120 945	121 663
1988	122 550	123 877	123 959	124 715	126 401	126 836	127 009	127 036	127 906	128 695	130 421	133 517
1989	134 417	135 182	137 509	139 252	140 199	141 299	142 636	143 054	142 099	142 649	143 651	143 904
1990	146 191	145 432	145 197	146 078	146 797	145 587	146 662	147 540	148 501	148 191	149 199	146 947
1991	145 945	145 519	144 674	144 318	142 927	143 229	142 115	140 219	140 841	139 287	138 686	137 775
1992	136 494	135 471	135 097	134 107	133 211	131 823	130 398	130 483	129 396	129 458	127 944	127 956
1993	126 843	127 313	127 110	126 834	126 273	126 987	126 526	126 523	127 101	127 519	126 571	125 839
1994	127 066	127 124	127 040	126 877	127 738	129 257	130 048	130 426	130 331	130 857	131 171	131 675
1995	133 830	133 682	133 669	133 849	134 312	133 465	134 139	133 366	133 819	133 394	133 085	133 216
1996	134 409	134 360	135 045	135 354	135 322	138 179	136 029	136 466	136 424	137 714	138 328	137 910
1997	138 864	139 818	140 411	141 533	142 485	142 475	143 396	144 577	144 100	145 627	147 462	146 734
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	.5	−.2	−.2	.3	.6	–	1.3	.9	.4	1.2	.6
1988	.7	1.1	.1	.6	1.4	.3	.1	–	.7	.6	1.3	2.4
1989	.7	.6	1.7	1.3	.7	.8	.9	.3	−.7	.4	.7	.2
1990	1.6	−.5	−.2	.6	.5	−.8	.7	.6	.7	−.2	.7	−1.5
1991	−.7	−.3	−.6	−.2	−1.0	.2	−.8	−1.3	.4	−1.1	−.4	−.7
1992	−.9	−.7	−.3	−.7	−.7	−1.0	−1.1	.1	−.8	–	−1.2	–
1993	−.9	.4	−.2	−.2	−.4	.6	−.4	–	.5	.3	−.7	−.6
1994	1.0	–	−.1	−.1	.7	1.2	.6	.3	−.1	.4	.2	.4
1995	1.6	−.1	–	.1	.3	−.6	.5	−.6	.3	−.3	−.2	.1
1996	.9	–	.5	.2	–	.6	−.1	.3	–	.9	.4	−.3
1997	.7	.7	.4	.8	.7	–	.6	.8	−.3	1.1	1.3	−.5
	ALL MANUFACTURING INDUSTRIES, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	103 983	104 863	104 786	105 853	106 729	104 685	105 087	105 902	103 622	104 967	105 922	104 963
1988	107 597	109 742	109 538	111 178	112 244	111 519	111 846	112 853	111 792	113 006	114 253	113 979
1989	118 212	120 186	119 455	121 557	123 596	122 745	123 675	123 958	123 153	123 551	123 742	121 039
1990	125 110	128 121	126 917	128 424	129 740	128 409	129 002	129 657	129 443	130 346	130 378	128 299
1991	131 258	133 618	131 398	133 037	132 143	128 961	127 579	128 270	127 138	127 854	128 754	125 454
1992	128 050	129 963	129 333	130 568	132 224	129 655	131 048	133 171	131 256	131 860	131 603	126 873
1993	130 173	132 253	131 851	133 641	135 112	132 205	132 216	132 782	130 428	130 219	130 717	126 126
1994	130 831	133 805	132 744	134 530	135 907	132 181	134 478	135 523	132 337	133 534	134 396	131 860
1995	136 793	141 220	142 019	145 107	147 505	145 804	147 047	147 423	146 653	147 544	147 210	144 634
1996	149 012	152 515	151 357	152 396	152 835	149 870	150 098	151 246	149 790	150 463	150 833	146 767
1997	151 463	155 626	153 711	157 388	159 021	156 518	156 904	158 554	155 715	157 229	158 389	152 893
	Seasonally Adjusted—Millions of Dollars											
1987	104 492	104 059	104 468	104 347	104 642	104 034	104 858	105 587	104 945	105 970	106 677	107 565
1988	107 905	108 687	109 227	109 653	110 023	110 961	111 636	112 517	113 237	114 131	115 090	116 850
1989	118 415	118 822	119 067	119 983	121 328	122 444	123 579	123 585	124 552	124 529	124 506	124 199
1990	125 362	126 701	126 848	126 859	127 388	128 169	128 845	129 164	130 667	131 156	131 041	131 922
1991	131 621	132 055	131 094	131 412	129 779	128 906	127 437	127 633	128 270	128 482	129 303	129 330
1992	128 772	128 610	129 170	128 953	129 731	129 527	130 728	132 247	132 256	132 405	132 214	131 088
1993	131 072	130 820	131 286	131 875	132 403	132 123	131 848	131 819	131 510	130 938	131 570	130 538
1994	131 886	132 313	132 236	132 566	132 946	132 001	134 029	134 527	133 497	134 411	135 423	136 577
1995	137 952	139 531	141 440	142 877	144 198	145 570	146 467	146 369	148 049	148 623	148 392	149 868
1996	150 354	150 600	150 727	149 987	149 413	149 725	149 604	150 271	151 189	151 527	151 884	151 965
1997	152 801	153 620	153 014	154 872	155 543	156 283	156 394	157 547	157 168	158 391	159 530	158 322
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.6	−.4	.4	−.1	.3	−.6	.8	.7	−.6	1.0	.7	.8
1988	.3	.7	.5	.4	.3	.9	.6	.8	.6	.8	.8	1.5
1989	1.3	.3	.2	.8	1.1	.9	.9	–	.8	–	–	−.2
1990	.9	1.1	–	.2	.4	.6	.5	.2	1.2	.4	−.1	.7
1991	−.2	.3	−.7	.2	−1.2	−.7	−1.1	.2	.5	.2	.6	–
1992	−.4	−.1	.4	−.2	.6	−.2	.9	1.2	–	.1	−.1	−.9
1993	–	−.2	.4	.4	.4	−.2	−.2	–	−.2	−.4	.5	−.8
1994	1.0	.3	−.1	.2	.3	−.7	1.5	.4	−.8	.7	.8	.9
1995	1.0	1.1	1.4	1.0	.9	1.0	.6	−.1	1.1	.4	−.2	1.0
1996	.3	.2	.1	−.5	−.4	.2	−.1	.4	.6	.2	.2	.1
1997	.6	.5	−.4	1.2	.4	.5	.1	.7	−.2	.8	.7	−.8

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
DURABLE GOODS INDUSTRIES, TOTAL—TOTAL INVENTORIES												
Not Seasonally Adjusted—Millions of Dollars												
1987	210 728	212 450	212 576	214 094	215 268	213 628	214 131	215 519	215 021	216 486	218 078	216 343
1988	221 117	225 317	226 044	228 046	230 937	230 071	231 863	233 426	233 748	235 480	237 442	237 510
1989	244 248	248 339	249 786	252 257	254 893	253 544	257 209	258 377	255 482	257 064	257 682	252 058
1990	258 737	261 157	259 590	262 425	264 160	260 116	262 926	263 968	262 111	263 704	264 894	257 363
1991	260 988	263 753	260 806	261 191	259 068	254 834	254 716	254 015	252 289	251 864	251 025	244 121
1992	246 788	247 890	246 028	245 922	246 297	242 734	243 244	245 179	241 633	241 204	239 472	232 318
1993	234 827	238 461	237 348	238 961	240 557	237 782	239 537	241 077	239 076	240 199	240 541	233 306
1994	239 694	243 174	241 104	243 094	246 133	243 722	248 081	250 887	248 078	250 011	251 818	247 001
1995	254 551	258 998	258 317	261 694	264 982	261 611	266 036	267 589	265 444	267 959	268 180	261 138
1996	269 366	273 116	270 291	272 416	274 049	269 373	273 306	275 648	272 469	274 314	275 308	266 547
1997	274 261	279 216	276 613	281 269	284 200	280 596	285 204	287 937	283 984	286 770	288 424	278 766
Seasonally Adjusted—Millions of Dollars												
1987	212 135	211 629	211 789	212 474	212 921	213 111	213 430	214 580	215 680	217 015	219 081	220 799
1988	222 310	224 216	225 350	226 414	228 493	229 916	231 075	232 314	234 503	235 872	238 159	242 468
1989	245 460	247 055	249 245	250 561	252 283	253 785	256 375	256 930	256 362	257 167	258 096	257 513
1990	260 080	259 842	259 237	260 801	261 573	260 600	262 017	262 157	262 824	263 505	264 939	263 209
1991	262 411	262 393	260 664	259 701	256 656	255 560	253 854	252 030	252 816	251 409	250 764	250 019
1992	248 489	246 690	246 326	244 745	244 013	243 497	242 236	243 030	242 007	240 584	239 063	238 105
1993	236 329	237 083	237 654	237 911	238 249	238 651	238 485	238 759	239 417	239 617	240 151	239 334
1994	241 071	241 659	241 655	242 138	243 680	244 771	246 885	248 314	248 509	249 573	251 437	253 624
1995	255 847	257 193	259 004	260 531	262 135	262 709	264 569	264 748	266 034	267 719	267 826	268 353
1996	270 707	271 111	271 251	271 153	270 995	270 682	271 759	272 684	273 092	274 146	274 896	273 815
1997	275 517	277 080	277 399	279 880	281 143	282 013	283 723	284 982	284 660	286 654	287 949	286 372
Seasonally Adjusted—Percent Change From Previous Period												
1987	.1	−.2	.1	.3	.2	.1	.1	.5	.5	.6	1.0	.8
1988	.7	.9	.5	.5	.9	.6	.5	.5	.9	.6	1.0	1.8
1989	1.2	.6	.9	.5	.7	.6	1.0	.2	−.2	.3	.4	−.2
1990	1.0	−.1	−.2	.6	.3	−.4	.5	.1	.3	.3	.5	−.7
1991	−.3	–	−.7	−.4	−1.2	−.4	−.7	−.7	.3	−.6	−.3	−.3
1992	−.6	−.7	−.1	−.6	−.3	−.2	−.5	.3	−.4	−.6	−.6	−.4
1993	−.7	.3	.2	.1	.1	.2	−.1	.1	.3	.1	.2	−.3
1994	.7	.2	–	.2	.6	.4	.9	.6	.1	.4	.7	.9
1995	.9	.5	.7	.6	.6	.2	.7	.1	.5	.6	–	.2
1996	.9	.1	.1	–	−.1	−.1	.4	.3	.1	.4	.3	−.4
1997	.6	.6	.1	.9	.5	.3	.6	.4	−.1	.7	.5	−.5
DURABLE GOODS INDUSTRIES, TOTAL—MATERIALS AND SUPPLIES												
Not Seasonally Adjusted—Millions of Dollars												
1987	61 753	61 424	61 044	61 730	61 751	61 980	62 052	62 117	62 298	62 447	62 827	63 699
1988	64 282	64 419	64 818	65 200	65 756	66 400	67 602	68 799	69 021	68 995	69 069	69 783
1989	71 110	71 622	71 702	71 563	71 504	71 621	72 992	73 599	72 993	73 245	73 043	72 598
1990	73 242	72 635	71 695	71 869	72 024	71 669	72 863	72 799	72 497	73 237	73 381	73 727
1991	74 327	74 088	72 949	72 170	71 493	70 509	70 916	71 571	71 341	71 413	71 138	70 946
1992	71 284	70 515	69 377	69 273	69 340	69 853	69 830	71 017	70 880	69 829	69 602	69 523
1993	69 792	69 698	69 328	69 635	70 344	70 009	71 077	72 459	72 008	72 372	72 682	72 603
1994	72 531	72 628	71 798	72 521	73 291	73 625	75 301	76 560	76 614	77 223	78 181	78 383
1995	79 241	79 818	78 903	80 146	81 070	81 367	83 145	84 845	84 376	86 207	86 105	85 358
1996	87 125	87 174	85 679	86 255	86 326	84 817	87 103	87 726	87 400	87 082	87 234	86 245
1997	87 236	86 875	86 397	86 849	87 447	87 581	89 636	89 933	90 361	90 747	90 500	89 683
Seasonally Adjusted—Millions of Dollars												
1987	61 549	61 363	61 408	61 950	62 122	62 277	61 893	61 678	62 096	62 400	62 927	63 562
1988	63 943	64 287	65 182	65 485	66 183	66 799	67 498	68 316	68 820	68 892	69 093	69 611
1989	70 676	71 450	72 093	71 940	71 985	72 126	72 912	73 048	72 795	73 082	72 992	72 435
1990	72 742	72 455	72 123	72 329	72 519	72 246	72 848	72 182	72 268	72 998	73 222	73 559
1991	73 798	73 923	73 454	72 677	71 994	71 126	70 957	70 916	71 082	71 116	70 905	70 834
1992	70 809	70 381	70 005	69 799	69 828	70 471	69 883	70 301	70 618	69 434	69 312	69 459
1993	69 269	69 533	70 071	70 229	70 850	70 678	71 111	71 672	71 711	71 880	72 300	72 590
1994	71 924	72 431	72 719	73 222	73 844	74 402	75 262	75 690	76 296	76 669	77 731	78 468
1995	78 609	79 591	79 958	80 874	81 603	82 173	82 958	83 889	83 988	85 595	85 605	85 577
1996	86 514	86 936	86 872	87 038	86 835	85 718	86 818	86 751	86 946	86 475	86 736	86 438
1997	86 626	86 655	87 530	87 649	88 017	88 514	89 322	89 036	89 841	90 147	90 004	89 844
Seasonally Adjusted—Percent Change From Previous Period												
1987	.4	−.3	.1	.9	.3	.2	−.6	−.3	.7	.5	.8	1.0
1988	.6	.5	1.4	.5	1.1	.9	1.0	1.2	.7	.1	.3	.7
1989	1.5	1.1	.9	−.2	.1	.2	1.1	.2	−.3	.4	−.1	−.8
1990	.4	−.4	−.5	.3	.3	−.4	.8	−.9	.1	1.0	.3	.5
1991	.3	.2	−.6	−1.1	−.9	−1.2	−.2	−.1	.2	–	−.3	−.1
1992	–	−.6	−.5	−.3	–	.9	−.8	.6	.5	−1.7	−.2	.2
1993	−.3	.4	.8	.2	.9	−.2	.6	.8	.1	.2	.6	.4
1994	−.9	.7	.4	.7	.8	.8	1.2	.6	.8	.5	1.4	.9
1995	.2	1.2	.5	1.1	.9	.7	1.0	1.1	.1	1.9	–	–
1996	1.1	.5	−.1	.2	−.2	−1.3	1.3	−.1	.2	−.5	.3	−.3
1997	.2	–	1.0	.1	.4	.6	.9	−.3	.9	.3	−.2	−.2

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	DURABLE GOODS INDUSTRIES, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	95 584	96 978	97 209	97 277	97 900	97 498	98 091	99 703	100 466	101 202	101 771	99 376
1988	101 759	104 564	104 718	105 585	107 502	106 718	107 433	107 816	108 266	109 190	110 244	109 588
1989	112 081	114 489	116 586	118 563	120 188	119 577	121 645	122 572	120 980	121 710	122 316	118 577
1990	122 638	123 607	123 400	124 985	125 843	123 397	125 397	126 468	126 172	126 347	126 862	120 305
1991	121 843	123 184	122 603	122 395	121 478	120 115	120 330	118 993	118 399	117 257	116 434	111 287
1992	111 849	112 458	111 926	110 997	110 704	107 977	107 903	108 333	106 501	107 004	105 255	101 093
1993	101 959	103 878	103 396	103 259	103 582	102 922	103 771	104 376	104 304	105 004	103 781	99 070
1994	102 285	103 941	103 123	103 268	104 764	104 599	106 531	107 798	106 687	107 212	107 101	103 409
1995	107 723	109 044	108 215	108 667	109 844	107 105	109 154	109 374	108 454	108 233	107 989	103 527
1996	106 922	108 552	108 304	109 079	110 079	108 958	110 521	111 616	110 358	111 651	112 400	107 590
1997	110 829	113 126	112 723	114 135	115 461	113 755	116 206	117 997	115 950	117 141	118 848	113 381
	Seasonally Adjusted—Millions of Dollars											
1987	97 022	97 024	96 775	96 774	96 964	97 441	97 689	98 869	99 949	100 559	101 745	102 393
1988	103 234	104 544	104 363	104 990	106 410	106 761	106 868	106 876	107 773	108 509	110 107	112 958
1989	113 696	114 474	116 331	117 855	118 941	119 780	120 990	121 422	120 545	120 875	122 029	122 251
1990	124 371	123 587	123 238	124 295	124 645	123 720	124 642	125 138	125 681	125 381	126 375	124 130
1991	123 548	123 107	122 515	121 820	120 438	120 545	119 602	117 663	117 849	116 240	115 876	114 960
1992	113 517	112 344	112 023	110 727	109 872	108 479	107 162	107 005	105 845	105 996	104 612	104 424
1993	103 391	103 620	103 513	103 167	102 816	103 469	103 050	102 977	103 634	104 046	103 144	102 468
1994	103 633	103 666	103 366	103 274	103 954	105 239	105 757	106 222	106 027	106 339	106 394	107 037
1995	109 016	108 669	108 533	108 628	108 897	107 780	108 290	107 676	107 857	107 534	107 307	107 209
1996	108 133	108 179	108 720	108 966	109 053	109 702	109 636	109 850	109 862	111 060	111 659	111 289
1997	111 940	112 681	113 067	113 947	114 443	114 629	115 402	116 214	115 538	116 574	117 998	117 236
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–	–	–.3	–	.2	.5	.3	1.2	1.1	.6	1.2	.6
1988	.8	1.3	–.2	.6	1.4	.3	.1	–	.8	.7	1.5	2.6
1989	.7	.7	1.6	1.3	.9	.7	1.0	.4	–.7	.3	1.0	.2
1990	1.7	–.6	–.3	.9	.3	–.7	.7	.4	.4	–.2	.8	–1.8
1991	–.5	–.4	–.5	–.6	–1.1	.1	–.8	–1.6	.2	–1.4	–.3	–.8
1992	–1.3	–1.0	–.3	–1.2	–.8	–1.3	–1.2	–.1	–1.1	.1	–1.3	–.2
1993	–1.0	.2	–.1	–.3	–.3	.6	–.4	–.1	.6	.4	–.9	–.7
1994	1.1	–	–.3	–.1	.7	1.2	.5	.4	–.2	.3	.1	.6
1995	1.8	–.3	–.1	.1	.2	–1.0	.5	–.6	.2	–.3	–.2	–.1
1996	.9	–	.5	.2	.1	.6	–.1	.2	–	1.1	.5	–.3
1997	.6	.7	.3	.8	.4	.2	.7	.7	–.6	.9	1.2	–.6
	DURABLE GOODS INDUSTRIES, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	53 391	54 048	54 323	55 087	55 617	54 150	53 988	53 699	52 257	52 837	53 480	53 268
1988	55 076	56 334	56 508	57 261	57 679	56 953	56 828	56 811	56 461	57 295	58 129	58 139
1989	61 057	62 228	61 498	62 131	63 201	62 346	62 572	62 206	61 509	62 109	62 323	60 883
1990	62 857	64 915	64 495	65 571	66 293	65 050	64 666	64 701	63 442	64 120	64 651	63 331
1991	64 818	66 481	65 254	66 626	66 097	64 210	63 470	63 451	62 549	63 194	63 453	61 888
1992	63 655	64 917	64 725	65 652	66 253	64 904	65 511	65 829	64 252	64 371	64 615	61 702
1993	63 076	64 885	64 624	66 067	66 631	64 851	64 689	64 242	62 764	62 823	64 078	61 633
1994	64 878	66 605	66 183	67 305	68 078	65 498	66 249	66 529	64 777	65 576	66 536	65 209
1995	67 587	70 136	71 199	72 881	74 068	73 139	73 737	73 370	72 614	73 519	74 086	72 253
1996	75 319	77 390	76 308	77 082	77 644	75 598	75 682	76 306	74 711	75 581	75 674	72 712
1997	76 196	79 215	77 493	80 285	81 292	79 260	79 362	80 007	77 673	78 882	79 076	75 702
	Seasonally Adjusted—Millions of Dollars											
1987	53 564	53 242	53 606	53 750	53 835	53 393	53 848	54 033	53 635	54 056	54 409	54 844
1988	55 133	55 385	55 805	55 939	55 900	56 356	56 709	57 122	57 910	58 471	58 959	59 899
1989	61 088	61 131	60 821	60 766	61 357	61 879	62 473	62 460	63 022	63 210	63 075	62 827
1990	62 967	63 800	63 876	64 177	64 409	64 634	64 527	64 837	64 875	65 126	65 342	65 520
1991	65 065	65 363	64 695	65 204	64 224	63 889	63 295	63 451	63 885	64 053	63 983	64 225
1992	64 163	63 965	64 298	64 219	64 313	64 547	65 191	65 724	65 544	65 154	65 139	64 222
1993	63 669	63 930	64 070	64 515	64 583	64 504	64 324	64 110	64 072	63 691	64 707	64 276
1994	65 514	65 562	65 570	65 642	65 882	65 130	65 866	66 402	66 186	66 565	67 312	68 119
1995	68 222	68 933	70 513	71 029	71 635	72 756	73 321	73 183	74 189	74 590	74 914	75 567
1996	76 060	75 996	75 659	75 149	75 107	75 262	75 305	76 083	76 284	76 611	76 501	76 088
1997	76 951	77 744	76 802	78 284	78 683	78 870	78 999	79 732	79 281	79 933	79 947	79 292
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–.6	.7	.3	.2	–.8	.9	.3	–.7	.8	.7	.8
1988	.5	.5	.8	.2	–.1	.8	.6	.7	1.4	1.0	.8	1.6
1989	2.0	.1	–.5	–.1	1.0	.9	1.0	–	.9	.3	–.2	–.4
1990	.2	1.3	.1	.5	.4	.3	–.2	.5	.1	.4	.3	.3
1991	–.7	.5	–1.0	.8	–1.5	–.5	–.9	.2	.7	.3	–.1	.4
1992	–.1	–.3	.5	–.1	.1	.4	1.0	.8	–.3	–.6	–	–1.4
1993	–.9	.4	.2	.7	.1	–.1	–.3	–.3	–.1	–.6	1.6	–.7
1994	1.9	.1	–	.1	.4	–1.1	1.1	.8	–.3	.6	1.1	1.2
1995	.2	1.0	2.3	.7	.9	1.6	.8	–.2	1.4	.5	.4	.9
1996	.7	–.1	–.4	–.7	–.1	.2	.1	1.0	.3	.4	–.1	–.5
1997	1.1	1.0	–1.2	1.9	.5	.2	.2	.9	–.6	.8	–	–.8

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	STONE, CLAY, AND GLASS PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 234	7 204	7 321	7 292	7 351	7 239	7 197	7 136	6 963	6 892	6 946	7 033
1988	7 135	7 297	7 308	7 353	7 499	7 294	7 358	7 268	7 218	7 240	7 249	7 377
1989	7 527	7 750	7 814	7 892	8 022	7 844	7 939	7 760	7 647	7 618	7 621	7 669
1990	7 748	7 922	7 901	7 972	7 937	7 864	7 886	7 812	7 768	7 858	7 905	8 071
1991	8 224	8 432	8 296	8 298	8 216	8 060	8 001	7 880	7 655	7 587	7 697	7 787
1992	7 842	8 087	8 002	8 040	8 067	7 997	7 981	7 977	7 814	7 720	7 841	7 848
1993	7 974	8 153	8 104	8 097	8 033	7 860	7 862	7 697	7 500	7 465	7 431	7 443
1994	7 676	7 819	7 818	7 795	7 771	7 532	7 645	7 531	7 434	7 433	7 494	7 688
1995	7 930	8 169	8 292	8 542	8 742	8 703	8 825	8 756	8 612	8 452	8 383	8 359
1996	8 569	8 808	8 823	8 827	8 779	8 674	8 631	8 600	8 467	8 434	8 456	8 679
1997	8 981	9 234	9 199	9 224	9 311	9 211	9 090	8 979	8 867	8 610	8 710	8 832
	Seasonally Adjusted—Millions of Dollars											
1987	7 288	7 093	7 157	7 116	7 148	7 139	7 119	7 183	7 139	7 124	7 154	7 154
1988	7 169	7 169	7 153	7 180	7 298	7 215	7 285	7 320	7 406	7 472	7 454	7 498
1989	7 546	7 591	7 658	7 709	7 820	7 779	7 874	7 821	7 850	7 854	7 828	7 792
1990	7 752	7 740	7 749	7 789	7 750	7 812	7 827	7 873	7 973	8 099	8 115	8 205
1991	8 221	8 223	8 137	8 106	8 034	8 009	7 943	7 936	7 855	7 821	7 907	7 928
1992	7 834	7 884	7 847	7 853	7 890	7 945	7 920	8 022	8 015	7 964	8 063	8 006
1993	7 971	7 955	7 942	7 905	7 850	7 800	7 795	7 727	7 685	7 711	7 666	7 607
1994	7 674	7 635	7 659	7 606	7 579	7 462	7 570	7 554	7 608	7 686	7 751	7 874
1995	7 934	7 984	8 118	8 329	8 512	8 610	8 738	8 783	8 807	8 748	8 694	8 567
1996	8 572	8 609	8 638	8 604	8 537	8 570	8 545	8 627	8 654	8 740	8 778	8 898
1997	8 987	9 019	9 003	8 989	9 049	9 093	9 006	9 009	9 065	8 933	9 042	9 050
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.7	−2.7	.9	−.6	.4	−.1	−.3	.9	−.8	−.2	.4	–
1988	.2	–	−.2	.4	1.6	−1.1	1.0	.5	1.2	.9	−.2	.8
1989	.7	.6	.9	.7	1.4	−.5	1.2	−.7	.4	.1	−.3	−.5
1990	−.5	−.2	.1	.5	−.5	.8	.2	.6	1.3	1.6	.2	1.1
1991	.2	–	−1.0	−.4	−.9	−.3	−.8	−.1	−1.0	−.4	1.1	.3
1992	−1.2	.6	−.5	.1	.5	.7	−.3	1.3	−.1	−.8	1.2	−.7
1993	−.4	−.2	−.2	−.5	−.7	−.6	−.1	−.9	−.5	.3	−.6	−.8
1994	.9	−.5	.3	−.7	−.4	−1.5	1.4	−.2	.7	1.0	.8	1.6
1995	.8	.6	1.7	2.6	2.2	1.2	1.5	.5	.3	−.7	−.6	−1.5
1996	.1	.4	.3	−.4	−.8	.4	−.3	1.0	.3	1.0	.4	1.4
1997	1.0	.4	−.2	−.2	.7	.5	−1.0	–	.6	−1.5	1.2	.1
	STONE, CLAY, AND GLASS PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 348	2 342	2 349	2 315	2 331	2 303	2 338	2 316	2 258	2 244	2 262	2 319
1988	2 309	2 355	2 328	2 350	2 407	2 372	2 432	2 399	2 378	2 358	2 377	2 402
1989	2 419	2 463	2 460	2 465	2 476	2 433	2 483	2 451	2 432	2 403	2 492	2 496
1990	2 488	2 471	2 432	2 456	2 500	2 488	2 517	2 508	2 497	2 541	2 513	2 569
1991	2 574	2 591	2 521	2 499	2 483	2 521	2 550	2 532	2 494	2 489	2 486	2 529
1992	2 523	2 491	2 429	2 396	2 413	2 449	2 476	2 508	2 474	2 481	2 487	2 527
1993	2 458	2 441	2 416	2 403	2 412	2 445	2 441	2 438	2 413	2 395	2 390	2 416
1994	2 459	2 442	2 466	2 446	2 492	2 451	2 488	2 508	2 558	2 555	2 561	2 618
1995	2 650	2 659	2 681	2 714	2 792	2 836	2 850	2 924	2 899	2 872	2 869	2 802
1996	2 836	2 857	2 824	2 803	2 845	2 832	2 854	2 915	2 871	2 922	2 892	2 901
1997	2 925	2 950	2 901	2 935	2 934	2 943	2 962	2 954	2 974	2 982	2 993	3 020
	Seasonally Adjusted—Millions of Dollars											
1987	2 358	2 339	2 360	2 317	2 322	2 303	2 301	2 300	2 268	2 260	2 286	2 318
1988	2 312	2 346	2 338	2 355	2 400	2 372	2 395	2 387	2 394	2 374	2 399	2 393
1989	2 413	2 449	2 472	2 475	2 478	2 435	2 451	2 439	2 448	2 417	2 511	2 483
1990	2 475	2 456	2 446	2 472	2 503	2 492	2 489	2 495	2 510	2 554	2 530	2 552
1991	2 555	2 577	2 539	2 523	2 489	2 524	2 528	2 517	2 503	2 498	2 501	2 512
1992	2 502	2 478	2 448	2 423	2 421	2 452	2 462	2 489	2 478	2 466	2 498	2 511
1993	2 439	2 432	2 435	2 433	2 420	2 446	2 433	2 414	2 414	2 397	2 402	2 403
1994	2 442	2 433	2 484	2 475	2 497	2 449	2 482	2 480	2 557	2 556	2 575	2 609
1995	2 637	2 652	2 703	2 746	2 796	2 834	2 847	2 891	2 896	2 868	2 883	2 793
1996	2 824	2 850	2 852	2 835	2 847	2 830	2 849	2 883	2 865	2 918	2 903	2 893
1997	2 914	2 944	2 933	2 966	2 936	2 943	2 955	2 921	2 967	2 979	3 004	3 011
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.4	−.8	.9	−1.8	.2	−.8	−.1	–	−1.4	−.4	1.2	1.3
1988	−.2	1.5	−.3	.7	1.9	−1.2	1.0	−.3	.3	−.8	1.1	−.3
1989	.8	1.5	.9	.1	–	−1.7	.7	−.5	.4	−1.3	3.9	−1.1
1990	−.3	−.8	−.4	1.1	1.3	−.4	−.1	.2	.6	1.8	−.9	.9
1991	.1	.9	−1.5	−.6	−1.3	1.4	.2	−.4	−.6	−.2	.1	.4
1992	−.4	−1.0	−1.2	−1.0	−.1	1.3	.4	1.1	−.4	−.5	1.3	.5
1993	−2.9	−.3	.1	−.1	−.5	1.1	−.5	−.8	–	−.7	.2	–
1994	1.6	−.4	2.1	−.4	.9	−1.9	1.3	−.1	3.1	–	.7	1.3
1995	1.1	.6	1.9	1.6	1.8	1.4	.5	1.5	.2	−1.0	.5	−3.1
1996	1.1	.9	.1	−.6	.4	−.6	.7	1.2	−.6	1.8	−.5	−.3
1997	.7	1.0	−.4	1.1	−1.0	.2	.4	−1.2	1.6	.4	.8	.2

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	STONE, CLAY, AND GLASS PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 063	1 026	1 039	1 042	1 028	1 049	1 060	1 055	1 050	1 057	1 048	1 062
1988	1 143	1 164	1 187	1 173	1 202	1 182	1 149	1 141	1 127	1 087	1 053	1 081
1989	1 134	1 184	1 209	1 230	1 213	1 198	1 188	1 146	1 128	1 115	1 112	1 085
1990	1 140	1 170	1 156	1 151	1 136	1 122	1 087	1 080	1 072	1 054	1 053	1 090
1991	1 130	1 183	1 220	1 218	1 192	1 151	1 172	1 181	1 130	1 110	1 117	1 100
1992	1 124	1 183	1 197	1 189	1 193	1 156	1 165	1 145	1 132	1 098	1 070	1 065
1993	1 100	1 151	1 187	1 180	1 160	1 148	1 157	1 152	1 119	1 068	1 031	1 018
1994	1 074	1 131	1 117	1 137	1 100	1 058	1 057	1 031	965	966	952	1 025
1995	1 102	1 189	1 241	1 269	1 284	1 307	1 335	1 280	1 263	1 194	1 163	1 154
1996	1 207	1 319	1 342	1 320	1 308	1 304	1 269	1 242	1 222	1 199	1 199	1 213
1997	1 282	1 396	1 399	1 354	1 389	1 263	1 242	1 308	1 279	1 245	1 202	1 190
	Seasonally Adjusted—Millions of Dollars											
1987	1 061	998	998	1 010	1 011	1 033	1 052	1 058	1 068	1 095	1 102	1 110
1988	1 140	1 133	1 140	1 132	1 177	1 144	1 138	1 146	1 150	1 126	1 109	1 134
1989	1 133	1 150	1 161	1 185	1 184	1 180	1 176	1 152	1 152	1 156	1 174	1 140
1990	1 145	1 135	1 108	1 105	1 105	1 105	1 074	1 084	1 094	1 095	1 115	1 150
1991	1 141	1 146	1 167	1 166	1 157	1 133	1 156	1 162	1 152	1 158	1 189	1 164
1992	1 141	1 146	1 142	1 135	1 155	1 135	1 144	1 141	1 153	1 152	1 145	1 134
1993	1 122	1 114	1 129	1 125	1 120	1 123	1 132	1 147	1 140	1 127	1 111	1 088
1994	1 099	1 090	1 058	1 081	1 058	1 032	1 033	1 028	985	1 025	1 032	1 103
1995	1 128	1 138	1 170	1 204	1 231	1 272	1 307	1 279	1 292	1 270	1 264	1 244
1996	1 234	1 255	1 262	1 252	1 252	1 270	1 248	1 243	1 252	1 276	1 303	1 308
1997	1 308	1 321	1 314	1 285	1 328	1 233	1 227	1 311	1 312	1 323	1 305	1 283
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.1	–5.9	–	1.2	.1	2.2	1.8	.6	.9	2.5	.6	.7
1988	2.7	–.6	.6	–.7	4.0	–2.8	–.5	.7	.3	–2.1	–1.5	2.3
1989	–.1	1.5	1.0	2.1	–.1	–.3	–.3	–2.0	–	.3	1.6	–2.9
1990	.4	–.9	–2.4	–.3	–	–	–2.8	.9	.9	.1	1.8	3.1
1991	–.8	.4	1.8	–.1	–.8	–2.1	2.0	.5	–.9	.5	2.7	–2.1
1992	–2.0	.4	–.3	–.6	1.8	–1.7	.8	–.3	1.1	–.1	–.6	–1.0
1993	–1.1	–.7	1.3	–.4	–.4	.3	.8	1.3	–.8	–1.1	–1.4	–2.1
1994	1.0	–.8	–2.9	2.2	–2.1	–2.5	.1	–.5	–4.2	4.1	.7	6.9
1995	2.3	.9	2.8	2.9	2.2	3.3	2.8	–2.1	1.0	–1.7	–.5	–1.6
1996	–.8	1.7	.6	–.8	–	1.4	–1.7	–.4	.7	1.9	2.1	.4
1997	–	1.0	–.5	–2.2	3.3	–7.2	–.5	6.8	.1	.8	–1.4	–1.7
	STONE, CLAY, AND GLASS PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	3 823	3 836	3 933	3 935	3 992	3 887	3 799	3 765	3 655	3 591	3 636	3 652
1988	3 683	3 778	3 793	3 830	3 890	3 760	3 777	3 728	3 713	3 795	3 819	3 894
1989	3 974	4 103	4 145	4 197	4 333	4 213	4 268	4 163	4 087	4 100	4 017	4 088
1990	4 120	4 281	4 313	4 365	4 301	4 254	4 282	4 224	4 199	4 263	4 339	4 412
1991	4 520	4 658	4 555	4 581	4 541	4 388	4 279	4 187	4 031	3 988	4 094	4 158
1992	4 195	4 413	4 376	4 455	4 481	4 392	4 340	4 324	4 208	4 161	4 284	4 254
1993	4 418	4 561	4 501	4 514	4 481	4 267	4 264	4 107	3 968	4 002	4 010	4 009
1994	4 143	4 248	4 235	4 212	4 179	4 023	4 100	3 992	3 911	3 912	3 981	4 045
1995	4 178	4 321	4 370	4 559	4 666	4 560	4 640	4 552	4 450	4 386	4 351	4 403
1996	4 528	4 632	4 657	4 704	4 626	4 538	4 508	4 443	4 374	4 313	4 365	4 565
1997	4 774	4 888	4 899	4 935	4 988	5 005	4 886	4 717	4 614	4 383	4 515	4 622
	Seasonally Adjusted—Millions of Dollars											
1987	3 869	3 756	3 799	3 789	3 815	3 803	3 768	3 825	3 803	3 769	3 766	3 728
1988	3 717	3 690	3 675	3 693	3 721	3 699	3 752	3 787	3 862	3 972	3 946	3 969
1989	4 000	3 992	4 025	4 049	4 160	4 164	4 247	4 230	4 250	4 281	4 143	4 169
1990	4 132	4 149	4 195	4 212	4 142	4 215	4 264	4 294	4 369	4 450	4 470	4 503
1991	4 525	4 500	4 431	4 417	4 388	4 352	4 259	4 257	4 200	4 165	4 217	4 252
1992	4 191	4 260	4 257	4 295	4 314	4 358	4 314	4 392	4 384	4 346	4 420	4 361
1993	4 410	4 409	4 378	4 347	4 310	4 231	4 230	4 166	4 131	4 187	4 153	4 116
1994	4 133	4 112	4 117	4 050	4 024	3 981	4 055	4 046	4 066	4 105	4 144	4 162
1995	4 169	4 194	4 245	4 379	4 485	4 504	4 584	4 613	4 619	4 610	4 547	4 530
1996	4 514	4 504	4 524	4 517	4 438	4 470	4 448	4 501	4 537	4 546	4 572	4 697
1997	4 765	4 754	4 756	4 738	4 785	4 917	4 824	4 777	4 786	4 631	4 733	4 756
	Seasonally Adjusted—Percent Change From Previous Period											
1987	3.1	–2.9	1.1	–.3	.7	–.3	–1.0	1.6	–.6	–.9	–.1	–1.0
1988	–.3	–.7	–.4	.5	.8	–.6	1.4	.9	2.0	2.8	–.7	.6
1989	.8	–.2	.8	.8	2.7	.1	2.0	–.4	.5	.7	–3.2	.6
1990	–.9	.4	1.1	.4	–1.7	1.8	1.2	.7	1.7	1.9	.4	.7
1991	.5	–.8	–1.5	–.3	–.7	–.8	–2.1	–	–1.3	–.8	1.2	.8
1992	–1.4	1.8	–.1	.9	.4	1.0	–1.0	1.8	–.2	–.9	1.7	–1.3
1993	1.1	–	–.7	–.7	–.9	–1.8	–	–1.5	–.8	1.4	–.8	–.9
1994	.4	–.5	.1	–1.6	–.6	–1.1	1.9	–.2	.5	1.0	1.0	.4
1995	.2	.8	1.2	3.2	2.4	.4	1.8	.6	.1	–.2	–1.4	–.4
1996	–.4	–.2	.4	–.2	–1.7	.7	–.5	1.2	.8	.2	.6	2.7
1997	1.4	–.2	–	–.4	1.0	2.8	–1.9	–1.0	.2	–3.2	2.2	.5

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	PRIMARY METAL INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	18 225	17 860	17 716	17 924	17 858	17 763	17 881	17 997	18 214	18 398	18 788	18 978
1988	19 484	19 862	19 979	20 284	20 542	20 357	20 704	21 014	21 412	21 731	22 025	22 377
1989	22 939	23 112	23 051	23 485	23 826	23 608	23 813	23 515	23 326	23 043	23 079	22 831
1990	22 911	22 854	22 174	22 380	22 383	22 331	22 575	22 721	22 901	22 729	22 634	22 591
1991	22 520	22 358	22 249	22 170	21 879	21 592	21 437	21 281	21 237	21 000	20 842	20 725
1992	20 409	20 244	20 238	20 376	20 371	20 271	20 376	20 580	20 551	20 233	20 011	19 967
1993	19 907	19 954	19 763	19 725	19 865	19 678	19 946	20 204	20 049	20 107	19 896	20 093
1994	20 203	20 372	20 315	20 505	20 715	20 718	21 299	21 410	21 428	21 852	22 171	22 555
1995	23 055	23 396	23 429	23 832	23 848	23 851	24 414	24 253	24 036	23 960	23 973	24 052
1996	24 190	24 133	24 159	24 048	24 002	23 922	24 012	23 862	24 004	23 829	23 977	24 385
1997	24 221	24 348	24 441	24 278	24 298	24 235	24 498	24 579	24 333	24 283	24 371	24 785
	Seasonally Adjusted—Millions of Dollars											
1987	18 236	17 889	17 788	17 834	17 713	17 738	17 823	17 998	18 231	18 484	18 817	19 078
1988	19 414	19 841	20 075	20 218	20 414	20 388	20 664	21 024	21 411	21 811	22 065	22 422
1989	22 829	23 059	23 199	23 453	23 717	23 697	23 786	23 497	23 281	23 088	23 108	22 838
1990	22 820	22 811	22 343	22 379	22 311	22 442	22 557	22 857	22 823	22 742	22 871	22 560
1991	22 481	22 325	22 426	22 176	21 836	21 712	21 401	21 178	21 159	20 993	20 897	20 703
1992	20 407	20 212	20 374	20 375	20 344	20 390	20 301	20 459	20 498	20 228	20 085	19 981
1993	19 914	19 917	19 865	19 710	19 844	19 792	19 823	20 084	20 031	20 125	19 989	20 132
1994	20 184	20 316	20 383	20 489	20 692	20 848	21 144	21 299	21 452	21 913	22 292	22 588
1995	23 009	23 308	23 475	23 816	23 814	23 999	24 253	24 162	24 095	24 076	24 104	24 021
1996	24 084	24 022	24 192	24 043	23 975	24 071	23 898	23 807	24 078	23 969	24 085	24 289
1997	24 089	24 228	24 472	24 277	24 278	24 384	24 423	24 544	24 398	24 439	24 474	24 680
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.1	–1.9	–.6	.3	–.7	.1	.5	1.0	1.3	1.4	1.8	1.4
1988	1.8	2.2	1.2	.7	1.0	–.1	1.4	1.7	1.8	1.9	1.2	1.6
1989	1.8	1.0	.6	1.1	1.1	–.1	.4	–1.2	–.9	–.8	.1	–1.2
1990	–.1	–	–2.1	.2	–.3	.8	.5	.4	.7	–.4	–.3	–.5
1991	–.4	–.7	.5	–1.1	–1.5	–.8	–1.4	–1.0	–.1	–.8	–.5	–.9
1992	–1.4	–1.0	.8	–	–.2	.2	–.4	.8	.2	–1.3	–.7	–.5
1993	–.3	–	–.3	–.8	.7	–.3	.2	1.3	–.3	.5	–.7	.7
1994	.3	.7	.3	.5	1.0	.8	1.4	.7	.7	2.1	1.7	1.3
1995	1.9	1.3	.7	1.5	–	.8	1.1	–.4	–.3	–.1	.1	–.3
1996	.3	–.3	.7	–.6	–.3	.4	–.7	–.4	1.1	–.4	.5	.8
1997	–.8	.6	1.0	–.8	–	.4	.2	.5	–.8	.2	.1	.8
	PRIMARY METAL INDUSTRIES, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 039	5 778	5 550	5 572	5 424	5 518	5 620	5 871	5 728	5 861	8 039	8 250
1988	6 268	8 235	8 260	6 308	6 420	8 592	8 788	8 925	7 055	7 096	7 213	7 539
1989	7 440	7 300	7 085	7 180	7 234	7 346	7 422	7 597	7 604	7 485	7 483	7 539
1990	7 410	7 145	8 829	6 859	6 896	6 944	7 166	7 174	7 183	7 286	7 178	7 275
1991	7 106	6 943	8 655	6 614	6 568	6 519	6 477	6 594	6 715	8 775	8 625	6 711
1992	6 410	6 157	6 024	6 066	5 988	8 192	8 238	6 304	8 371	8 355	6 347	8 568
1993	8 433	6 196	6 116	6 187	6 135	8 285	6 404	6 420	6 286	8 276	8 310	8 542
1994	8 238	6 090	6 085	6 181	6 334	6 468	8 831	6 765	6 913	7 118	7 222	7 516
1995	7 563	7 569	7 351	7 310	7 354	7 482	7 631	7 744	7 629	7 686	7 735	7 766
1996	7 645	7 469	7 257	7 263	7 400	7 346	7 461	7 484	7 710	7 751	7 822	7 923
1997	7 825	7 763	7 589	7 572	7 591	7 866	7 869	7 974	7 949	8 109	7 978	8 177
	Seasonally Adjusted—Millions of Dollars											
1987	5 933	5 834	5 783	5 772	5 597	5 598	5 629	5 824	5 642	5 740	5 884	6 018
1988	6 134	6 283	8 518	6 528	6 620	8 698	6 803	6 869	6 950	6 968	7 049	7 240
1989	7 274	7 354	7 376	7 427	7 463	7 476	7 438	7 529	7 477	7 351	7 329	7 226
1990	7 254	7 210	7 109	7 089	7 114	7 067	7 183	7 098	7 055	7 150	7 041	6 963
1991	8 975	7 021	6 926	6 826	6 771	8 626	6 483	6 525	6 604	6 644	8 508	6 434
1992	6 304	6 233	6 254	6 250	6 170	8 284	8 232	6 237	6 280	6 230	8 237	6 319
1993	6 335	6 273	6 328	6 364	6 313	6 370	6 386	6 357	6 213	6 158	6 200	6 312
1994	6 137	6 157	6 280	6 363	6 513	6 562	6 814	6 700	6 850	6 990	7 095	7 267
1995	7 445	7 634	7 567	7 531	7 551	7 603	7 621	7 675	7 562	7 546	7 592	7 497
1996	7 513	7 517	7 470	7 499	7 597	7 481	7 469	7 421	7 639	7 603	7 665	7 832
1997	7 691	7 802	7 815	7 823	7 798	7 815	7 889	7 914	7 864	7 951	7 815	7 872
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–1.7	–.9	–.2	–3.0	–	.6	–.1	.3	1.7	2.5	2.3
1988	1.9	2.4	3.7	.1	1.4	1.2	1.6	1.0	1.2	.3	1.2	2.7
1989	.5	1.1	.3	.7	.5	.2	–.5	1.2	–.7	–1.7	–.3	–1.4
1990	.4	–.6	–1.4	–.3	.4	–.7	1.8	–1.2	–.6	1.3	–1.5	–1.1
1991	.2	.7	–1.4	–1.4	–.8	–2.1	–2.2	.6	1.2	.6	–2.0	–1.1
1992	–2.0	–1.1	.3	–.1	–1.3	1.8	–.8	.1	.7	–.8	.1	1.3
1993	.3	–1.0	.9	.6	–.8	.9	.3	–.5	–2.3	–.9	.7	1.8
1994	–2.8	.3	2.0	1.3	2.4	.8	.8	1.3	2.2	2.0	1.5	2.4
1995	2.4	2.5	–.9	–.5	.3	.7	.2	.7	–1.5	–.2	.6	–1.3
1996	.2	.1	–.6	.4	1.3	–1.5	–.2	–.8	2.9	–.5	.8	–.4
1997	.8	1.4	.2	.1	–.3	.2	.9	.3	–.6	1.1	–1.7	.7

See footnotes at and of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
PRIMARY METAL INDUSTRIES, TOTAL—WORK-IN-PROCESS												
Not Seasonally Adjusted—Millions of Dollars												
1987	6 972	7 039	7 083	7 044	7 181	7 117	7 158	7 202	7 310	7 397	7 494	7 677
1988	7 996	8 148	8 143	8 356	8 404	8 293	8 367	8 538	8 737	8 889	8 995	8 973
1989	9 297	9 374	9 660	9 853	9 892	9 817	9 685	9 424	9 249	9 168	9 044	8 843
1990	8 819	8 800	8 630	8 616	8 492	8 524	8 622	8 787	8 834	8 570	8 501	8 474
1991	8 528	8 484	8 678	8 697	8 551	8 468	8 475	8 313	8 174	7 895	7 795	7 687
1992	7 576	7 815	7 656	7 726	7 849	7 756	7 712	7 712	7 537	7 346	7 260	7 182
1993	7 227	7 291	7 364	7 162	7 097	8 986	7 065	7 278	7 389	7 536	7 259	7 125
1994	7 285	7 451	7 461	7 467	7 520	7 615	7 969	7 962	7 878	7 941	8 020	8 201
1995	8 278	8 371	8 597	8 647	8 643	8 596	8 856	8 777	8 748	8 840	8 604	8 573
1996	8 683	8 692	8 827	8 814	8 809	8 794	8 872	8 690	8 884	8 848	8 545	8 790
1997	8 653	8 730	8 845	8 798	8 820	8 845	8 966	8 848	8 737	8 590	8 609	8 713
Seasonally Adjusted—Millions of Dollars												
1987	7 032	7 064	6 984	6 927	7 049	7 099	7 110	7 177	7 319	7 460	7 618	7 838
1988	8 037	8 162	8 041	8 229	8 284	8 284	8 321	8 519	8 742	8 957	9 125	9 138
1989	9 341	9 384	9 582	9 725	9 771	9 618	9 831	9 379	9 232	9 228	9 157	8 997
1990	8 878	8 821	8 581	8 520	8 402	8 525	8 583	8 698	8 794	8 814	8 607	8 811
1991	8 609	8 504	8 838	8 817	8 480	8 473	8 404	8 220	8 128	7 937	7 898	7 794
1992	7 665	7 631	7 609	7 668	7 802	7 765	7 624	7 813	7 486	7 382	7 360	7 293
1993	7 317	7 301	7 307	7 114	7 060	6 996	8 960	7 184	7 349	7 577	7 362	7 255
1994	7 360	7 464	7 391	7 429	7 488	7 634	7 839	7 880	7 850	7 991	8 140	8 343
1995	8 354	8 374	8 503	8 608	8 608	8 816	8 706	8 705	8 733	8 702	8 739	8 688
1996	8 735	8 695	8 733	8 775	8 774	8 811	8 734	8 835	8 881	8 720	8 680	8 890
1997	8 691	8 724	8 754	8 750	8 777	8 855	8 840	8 801	8 743	8 870	8 750	8 815
Seasonally Adjusted—Percent Change From Previous Period												
1987	-.9	.5	-1.1	-.8	1.8	.7	.2	.9	2.0	1.9	2.1	2.9
1988	2.5	1.8	-1.5	2.3	.7	–	.4	2.4	2.8	2.5	1.9	.1
1989	2.2	.5	2.1	1.5	.5	-1.8	.2	-2.6	-1.8	-.1	-.7	-1.7
1990	-1.3	-.6	-2.7	-.7	-1.4	1.5	.4	1.8	1.1	-2.0	-.1	–
1991	–	-1.2	1.6	-.2	-1.6	-.1	-.8	-2.2	-1.1	-2.3	-.5	-1.3
1992	-1.7	-.4	-.3	.8	1.7	-.5	-1.8	-.1	-1.7	-1.4	-.3	-.9
1993	.3	-.2	.1	-2.6	-.8	-.9	-.5	3.2	2.3	3.1	-2.8	-1.5
1994	1.4	1.4	-1.0	.5	.8	1.9	2.7	.5	-.4	1.8	1.9	2.5
1995	.1	.2	1.5	1.2	–	.1	1.0	–	.3	-.4	.4	-.6
1996	.5	-.5	.4	.5	–	.4	-.9	-1.1	.5	.4	-.5	2.4
1997	-2.2	.4	.3	–	.3	.9	-.2	-.4	-.7	-.8	.9	.7
PRIMARY METAL INDUSTRIES, TOTAL—FINISHED GOODS												
Not Seasonally Adjusted—Millions of Dollars												
1987	5 214	5 043	5 083	5 308	5 273	5 128	5 103	5 124	5 176	5 140	5 233	5 051
1988	5 220	5 479	5 578	5 620	5 718	5 472	5 549	5 551	5 620	5 746	5 817	5 865
1989	6 202	6 438	8 306	6 452	6 700	8 845	6 706	6 494	6 473	6 390	6 552	6 449
1990	6 682	6 909	8 715	6 905	8 995	6 863	8 787	6 780	6 884	6 873	6 955	6 842
1991	8 888	6 931	6 918	6 859	6 760	6 605	6 485	6 374	8 348	8 330	6 422	6 347
1992	6 423	6 472	6 558	6 584	6 534	6 323	6 428	8 564	6 643	6 532	6 404	6 237
1993	8 247	6 467	8 283	6 376	6 633	6 405	6 477	6 508	6 374	6 295	6 327	6 426
1994	8 680	8 831	6 769	8 857	6 861	6 635	6 699	6 683	6 637	6 793	6 929	6 838
1995	7 214	7 456	7 481	7 875	7 849	7 773	7 927	7 732	7 659	7 634	7 634	7 713
1996	7 862	7 972	8 075	7 971	7 793	7 782	7 679	7 688	7 610	7 430	7 610	7 672
1997	7 743	7 855	8 007	7 910	7 887	7 724	7 663	7 757	7 647	7 584	7 784	7 895
Seasonally Adjusted—Millions of Dollars												
1987	5 271	4 991	5 021	5 135	5 067	5 041	5 084	5 197	5 270	5 284	5 315	5 220
1988	5 243	5 396	5 516	5 461	5 510	5 406	5 540	5 636	5 719	5 886	5 891	6 044
1989	6 214	8 321	6 241	6 301	6 483	6 805	8 717	6 589	6 572	6 511	6 622	6 615
1990	6 688	6 780	8 653	6 770	8 795	6 850	6 811	6 861	6 974	6 978	7 023	6 986
1991	8 897	6 800	6 862	6 733	6 585	6 613	6 514	8 433	6 429	6 412	6 491	6 475
1992	8 438	6 348	6 511	6 457	6 372	6 341	6 445	6 609	6 732	6 616	6 488	6 369
1993	6 262	6 343	6 230	6 232	8 471	6 426	6 477	6 543	6 469	6 390	6 427	6 565
1994	6 687	6 695	8 712	6 697	6 691	8 652	6 691	6 719	6 752	6 932	7 057	6 978
1995	7 210	7 300	7 405	7 677	7 655	7 780	7 926	7 782	7 800	7 828	7 773	7 836
1996	7 836	7 810	7 989	7 769	7 604	7 779	7 695	7 751	7 756	7 646	7 740	7 767
1997	7 707	7 702	7 903	7 704	7 703	7 714	7 694	7 829	7 791	7 818	7 909	7 993
Seasonally Adjusted—Percent Change From Previous Period												
1987	-2.2	-5.3	.6	2.3	-1.3	-.5	.9	2.2	1.4	.3	.6	-1.8
1988	.4	2.9	2.2	-1.0	.9	-1.9	2.5	1.7	1.5	2.9	.1	2.6
1989	2.8	1.7	-1.3	1.0	2.9	1.9	1.7	-1.9	-.3	-.9	1.7	-.1
1990	1.1	1.4	-1.9	1.8	.4	.8	-.6	.7	1.6	.1	.6	-.5
1991	-1.3	-1.4	.9	-1.9	-2.2	.4	-1.5	-1.2	-.1	-.3	1.2	-.2
1992	-.8	-1.4	2.6	-.8	-1.3	-.5	1.6	2.5	1.9	-1.7	-1.9	-1.8
1993	-1.7	1.3	-1.8	–	3.8	-.7	.8	1.0	-1.1	-1.2	.6	2.1
1994	1.9	.1	.3	-.2	-.1	-.6	.6	.4	.5	2.7	1.8	-1.1
1995	3.3	1.2	1.4	3.7	-.3	1.6	1.9	-1.8	.2	.4	-.7	.8
1996	–	-.3	2.3	-2.8	-2.1	2.3	-1.1	.7	.1	-1.4	1.2	.3
1997	-.8	-.1	2.6	-2.5	–	.1	-.3	1.8	-.5	.3	1.2	1.1

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	FABRICATED METAL PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	22 056	22 221	22 533	22 485	22 432	22 405	22 229	22 165	22 311	22 404	22 433	22 555
1988	23 147	23 526	23 550	24 010	24 093	23 940	23 772	24 123	24 392	24 349	24 492	24 532
1989	25 239	25 349	25 812	25 930	25 947	25 661	25 913	25 923	25 662	25 519	25 506	24 988
1990	26 046	26 016	25 850	25 886	25 699	25 295	25 208	25 190	24 952	25 175	25 034	24 585
1991	25 034	25 422	25 176	25 031	24 671	24 349	23 895	23 884	23 738	23 777	23 932	23 477
1992	24 207	24 190	24 230	24 290	24 533	24 370	24 484	24 480	24 162	23 958	23 831	23 372
1993	23 630	23 825	24 075	23 965	24 032	23 911	23 893	24 069	23 904	23 733	23 535	23 402
1994	23 821	24 187	23 994	24 124	24 340	24 474	25 019	25 061	24 751	24 771	24 925	25 127
1995	25 811	26 387	27 011	27 369	27 635	27 788	27 820	27 643	27 133	26 979	26 810	26 507
1996	26 959	27 506	27 479	27 534	27 483	27 273	27 602	27 646	27 319	27 289	27 330	27 384
1997	27 985	28 445	28 840	29 086	29 131	29 338	29 312	29 175	29 131	29 111	29 163	29 046
	Seasonally Adjusted—Millions of Dollars											
1987	22 096	22 154	22 304	22 200	22 140	22 141	22 217	22 302	22 495	22 645	22 698	22 920
1988	23 153	23 443	23 310	23 716	23 782	23 720	23 767	24 232	24 572	24 582	24 741	24 950
1989	25 224	25 232	25 549	25 622	25 621	25 474	25 907	26 013	25 869	25 749	25 756	25 427
1990	26 043	25 880	25 612	25 622	25 394	25 113	25 169	25 234	25 145	25 390	25 283	25 044
1991	25 041	25 258	24 939	24 765	24 375	24 155	23 819	23 887	23 941	24 014	24 216	23 922
1992	24 237	24 057	24 019	24 046	24 257	24 142	24 370	24 458	24 369	24 221	24 142	23 815
1993	23 682	23 688	23 870	23 718	23 762	23 665	23 739	24 012	24 099	24 010	23 878	23 838
1994	23 905	24 077	23 802	23 864	24 057	24 198	24 831	24 994	24 944	25 095	25 308	25 597
1995	25 917	26 269	26 774	27 031	27 286	27 464	27 590	27 579	27 366	27 356	27 246	27 003
1996	27 092	27 386	27 236	27 188	27 132	26 958	27 378	27 592	27 528	27 643	27 746	27 894
1997	28 124	28 340	28 595	28 747	28 771	29 012	29 089	29 132	29 360	29 480	29 590	29 579
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–	.3	.7	–.5	–.3	–	.3	.4	.9	.7	.2	1.0
1988	1.0	1.3	–.6	1.7	.3	–.3	.2	2.0	1.4	–	.6	.8
1989	1.1	–	1.3	.3	–	–.6	1.7	.4	–.6	–.5	–	–1.3
1990	2.4	–.6	–1.0	–	–.9	–1.1	.2	.3	–.4	1.0	–.4	–.9
1991	–	.9	–1.3	–.7	–1.6	–.9	–1.4	.3	.2	.3	.8	–1.2
1992	1.3	–.7	–.2	.1	.9	–.5	.9	.4	–.4	–.6	–.3	–1.4
1993	–.6	–	.8	–.6	.2	–.4	.3	1.2	.4	–.4	–.5	–.2
1994	.3	.7	–1.1	.3	.8	.6	2.6	.7	–.2	.6	.8	1.1
1995	1.3	1.4	1.9	1.0	.9	.7	.5	–	–.8	–	–.4	–.9
1996	.3	1.1	–.5	–.2	–.2	–.6	1.6	.8	–.2	.4	.4	.5
1997	.8	.8	.9	.5	.1	.8	.3	.1	.8	.4	.4	–
	FABRICATED METAL PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 910	7 825	7 824	7 883	7 837	7 906	7 893	7 868	8 048	7 969	7 925	8 390
1988	8 561	8 584	8 541	8 705	8 716	8 844	8 921	9 151	9 026	8 897	9 057	9 199
1989	9 537	9 494	9 639	9 451	9 384	9 317	9 540	9 614	9 452	9 317	9 211	9 172
1990	9 360	9 204	9 099	9 054	9 010	8 933	9 088	9 096	9 018	9 048	8 875	8 890
1991	8 998	9 027	8 972	8 719	8 432	8 403	8 404	8 435	8 370	8 362	8 412	8 319
1992	8 362	8 114	8 094	7 986	8 327	8 306	8 375	8 441	8 307	8 091	8 148	8 359
1993	8 083	8 044	8 199	7 752	7 757	7 980	7 993	8 180	8 288	8 027	8 247	8 748
1994	8 386	8 382	8 228	8 207	8 302	8 568	8 764	8 805	9 027	9 034	9 204	9 581
1995	9 563	9 536	9 648	9 851	9 987	10 085	10 146	10 087	9 806	9 743	9 713	9 817
1996	9 932	10 008	9 974	9 976	9 925	9 773	9 900	9 947	9 818	9 915	9 887	10 118
1997	10 137	10 030	10 098	10 041	9 889	10 030	10 150	10 102	10 223	10 115	10 126	10 404
	Seasonally Adjusted—Millions of Dollars											
1987	7 862	7 845	7 828	7 908	7 878	7 879	7 816	7 804	8 023	8 072	8 018	8 374
1988	8 499	8 592	8 534	8 742	8 764	8 817	8 850	9 078	8 998	8 996	9 151	9 173
1989	9 462	9 490	9 623	9 506	9 443	9 298	9 480	9 539	9 436	9 407	9 295	9 119
1990	9 286	9 199	9 088	9 132	9 087	8 919	9 045	9 025	9 000	9 122	8 937	8 805
1991	8 925	9 014	8 959	8 803	8 514	8 394	8 373	8 377	8 359	8 440	8 465	8 195
1992	8 285	8 112	8 098	8 067	8 425	8 300	8 357	8 392	8 291	8 170	8 180	8 223
1993	8 000	8 037	8 216	7 832	7 849	7 976	7 981	8 142	8 277	8 110	8 280	8 593
1994	8 296	8 376	8 255	8 284	8 389	8 559	8 755	8 778	9 024	9 129	9 247	9 417
1995	9 455	9 523	9 673	9 916	10 066	10 072	10 138	10 069	9 819	9 840	9 779	9 648
1996	9 817	9 994	9 993	10 030	9 997	9 768	9 895	9 931	9 827	9 988	9 954	9 957
1997	10 012	10 022	10 117	10 106	9 966	10 042	10 146	10 089	10 238	10 177	10 201	10 241
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	–.2	–.2	1.0	–.4	–	–.8	–.2	2.8	.6	–.7	4.4
1988	1.5	1.1	–.7	2.4	.3	.6	.4	2.8	–.9	–	1.7	.2
1989	3.2	.3	1.4	–1.2	–.7	–1.5	2.0	.6	–1.1	–.3	–1.2	–1.9
1990	1.8	–.9	–1.2	.5	–.5	–1.8	1.4	–.2	–.3	1.4	–2.0	–1.5
1991	1.4	1.0	–.6	–1.7	–3.3	–1.4	–.3	–	–.2	1.0	.3	–3.2
1992	1.1	–2.1	–.2	–.4	4.4	–1.5	.7	.4	–1.2	–1.5	.1	.5
1993	–2.7	.5	2.2	–4.7	.2	1.6	.1	2.0	1.7	–2.0	2.1	3.8
1994	–3.5	1.0	–1.4	.4	1.3	2.0	2.3	.3	2.8	1.2	1.3	1.8
1995	.4	.7	1.6	2.5	1.5	.1	.7	–.7	–2.5	.2	–.6	–1.3
1996	1.8	1.8	–	.4	–.3	–2.3	1.3	.4	–1.0	1.6	–.3	–
1997	.6	.1	.9	–.1	–1.4	.8	1.0	–.6	1.5	–.6	.2	.4

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	FABRICATED METAL PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 671	7 903	8 081	8 005	7 937	7 819	7 634	7 711	7 874	7 991	8 018	7 728
1988	7 904	8 155	8 172	8 339	8 405	8 103	8 053	8 196	8 427	8 600	8 463	8 341
1989	8 393	8 535	8 680	8 887	8 831	8 568	8 887	8 671	8 878	8 730	8 859	8 430
1990	8 832	8 800	8 728	8 823	8 684	8 372	8 287	8 409	8 293	8 294	8 380	8 242
1991	8 250	8 298	8 069	8 014	8 067	7 913	7 967	7 935	7 963	7 860	7 912	7 494
1992	7 907	8 011	7 830	7 885	7 800	7 877	7 850	7 838	7 781	7 758	7 593	7 291
1993	7 613	7 562	7 545	7 540	7 572	7 451	7 497	7 638	7 552	7 716	7 379	7 048
1994	7 400	7 469	7 384	7 238	7 440	7 329	7 638	7 711	7 510	7 542	7 493	7 509
1995	7 695	7 801	7 995	7 967	8 051	8 080	8 187	8 280	8 212	8 282	8 115	7 887
1996	7 863	7 902	7 959	8 042	8 005	7 944	8 067	8 245	8 149	8 017	8 018	7 918
1997	8 115	8 261	8 313	8 440	8 576	8 506	8 732	8 782	8 759	8 629	8 669	8 464
	Seasonally Adjusted—Millions of Dollars											
1987	7 802	7 904	7 987	7 859	7 794	7 784	7 668	7 807	7 862	7 951	8 010	7 964
1988	8 006	8 137	8 086	8 185	8 253	8 115	8 113	8 283	8 416	8 559	8 433	8 578
1989	8 464	8 493	8 606	8 734	8 684	8 623	8 758	8 730	8 670	8 690	8 826	8 658
1990	8 869	8 743	8 684	8 719	8 587	8 443	8 333	8 424	8 281	8 253	8 348	8 471
1991	8 257	8 229	8 042	7 953	7 980	7 980	7 983	7 903	7 953	7 832	7 911	7 695
1992	7 900	7 958	7 818	7 878	7 743	7 729	7 839	7 769	7 761	7 722	7 611	7 472
1993	7 611	7 524	7 537	7 556	7 538	7 491	7 484	7 535	7 519	7 674	7 422	7 219
1994	7 420	7 465	7 382	7 256	7 405	7 355	7 584	7 586	7 464	7 502	7 544	7 687
1995	7 749	7 831	7 991	7 960	7 999	8 100	8 114	8 131	8 155	8 252	8 169	8 061
1996	7 948	7 965	7 962	8 024	7 944	7 959	7 985	8 090	8 068	7 986	8 050	8 090
1997	8 226	8 360	8 331	8 423	8 514	8 524	8 638	8 615	8 661	8 604	8 694	8 647
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.6	1.3	1.1	−1.6	−.8	−.1	−1.5	1.8	.7	1.1	.7	−.6
1988	.5	1.6	−.6	1.2	.8	−1.7	–	2.1	1.6	1.7	−1.5	1.7
1989	−1.3	.3	1.3	1.5	−.6	−.7	1.6	−.3	−.7	.2	1.6	−1.9
1990	2.4	−1.4	−.7	.4	−1.7	−1.4	−1.3	1.1	−1.7	−.3	1.2	1.5
1991	−2.5	−.3	−2.3	−1.1	.3	–	–	−1.0	.6	−1.5	1.0	−2.7
1992	2.7	.7	−1.8	.8	−1.7	−.2	1.4	−.9	−.1	−.5	−1.4	−1.8
1993	1.9	−1.1	.2	.3	−.2	−.6	−.4	1.0	−.2	2.1	−3.3	−2.7
1994	2.8	.6	−1.1	−1.7	2.1	−.7	3.1	–	−1.6	.5	.6	1.9
1995	.8	1.1	2.0	−.4	.5	1.3	.2	.2	.3	1.2	−1.0	−1.3
1996	−1.4	.2	–	.8	−1.0	.2	.3	1.3	−.3	−1.0	.8	.5
1997	1.7	1.6	−.3	1.1	1.1	.1	1.3	−.3	.5	−.7	1.0	−.5
	FABRICATED METAL PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 475	6 493	6 628	6 597	6 658	6 680	6 702	6 586	6 389	6 444	6 492	6 437
1988	6 682	6 787	6 837	6 966	6 972	6 993	6 798	6 776	6 939	6 852	6 972	6 992
1989	7 309	7 320	7 493	7 592	7 732	7 778	7 686	7 638	7 534	7 472	7 436	7 386
1990	7 854	8 012	8 023	8 009	8 005	7 990	7 833	7 685	7 641	7 833	7 779	7 453
1991	7 786	8 097	8 135	8 298	8 172	8 033	7 524	7 514	7 405	7 555	7 608	7 664
1992	7 938	8 065	8 306	8 419	8 406	8 387	8 259	8 201	8 074	8 111	8 090	7 722
1993	7 934	8 219	8 331	8 673	8 703	8 480	8 403	8 251	8 064	7 990	7 909	7 606
1994	8 035	8 336	8 382	8 679	8 598	8 577	8 619	8 545	8 214	8 195	8 228	8 037
1995	8 553	9 050	9 368	9 551	9 597	9 623	9 487	9 276	9 115	8 954	8 982	8 803
1996	9 164	9 596	9 546	9 516	9 553	9 556	9 635	9 454	9 352	9 357	9 427	9 348
1997	9 733	10 154	10 429	10 605	10 666	10 802	10 430	10 291	10 149	10 367	10 368	10 178
	Seasonally Adjusted—Millions of Dollars											
1987	6 432	8 405	6 489	8 433	8 468	6 478	6 735	6 691	6 610	6 622	6 670	6 582
1988	6 648	8 714	6 690	6 789	8 765	6 788	6 804	6 873	7 158	7 027	7 157	7 199
1989	7 298	7 249	7 320	7 382	7 494	7 553	7 669	7 744	7 763	7 652	7 635	7 650
1990	7 888	7 938	7 840	7 771	7 740	7 751	7 791	7 785	7 864	8 015	7 998	7 768
1991	7 859	8 015	7 938	8 009	7 881	7 781	7 463	7 607	7 629	7 742	7 840	8 032
1992	8 052	7 987	8 103	8 101	8 089	8 113	8 174	8 297	8 317	8 329	8 351	8 120
1993	8 071	8 127	8 117	8 330	8 375	8 198	8 294	8 335	8 303	8 226	8 176	8 026
1994	8 189	8 236	8 165	8 324	8 263	8 284	8 492	8 630	8 456	8 464	8 517	8 493
1995	8 713	8 915	9 110	9 155	9 221	9 292	9 338	9 379	9 392	9 264	9 298	9 294
1996	9 327	9 427	9 281	9 134	9 191	9 231	9 498	9 571	9 633	9 669	9 742	9 847
1997	9 886	9 958	10 147	10 218	10 291	10 446	10 305	10 428	10 461	10 699	10 695	10 691
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−1.0	−.4	1.3	−.9	.5	.2	4.0	−.7	−1.2	.2	.7	−1.3
1988	1.0	1.0	−.4	1.5	−.4	.3	.2	1.0	4.1	−1.8	1.9	.6
1989	1.4	−.7	1.0	.8	1.5	.8	1.5	1.0	.2	−1.4	−.2	.2
1990	3.1	.6	−1.2	−.9	−.4	.1	.5	−.1	1.0	1.9	−.2	−2.9
1991	1.2	2.0	−1.0	.9	−1.6	−1.3	−4.1	1.9	.3	1.5	1.3	2.4
1992	.2	−.8	1.5	–	−.1	.3	.8	1.5	.2	.1	.3	−2.8
1993	−.6	.7	−.1	2.6	.5	−2.1	1.2	.5	−.4	−.9	−.6	−1.8
1994	2.0	.8	−.9	1.9	−.7	.3	2.5	1.6	−2.0	.1	.6	−.3
1995	2.6	2.3	2.2	.5	.7	.8	.5	.4	.1	−1.4	.4	–
1996	.4	1.1	−1.5	−1.6	.6	.4	2.9	.8	.6	.4	.8	1.1
1997	.4	.7	1.9	.7	.7	1.5	−1.3	1.2	.3	2.3	–	–

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	41 891	42 375	42 115	42 621	42 712	42 195	42 199	42 457	41 667	42 267	42 611	42 279
1988	43 149	44 027	44 161	44 634	45 175	45 032	45 627	46 225	46 280	46 670	47 111	46 686
1989	48 286	48 921	48 805	49 130	49 546	49 339	49 941	50 345	49 907	50 342	50 622	49 197
1990	50 337	50 994	50 064	50 575	50 875	49 726	50 043	50 206	49 777	50 041	50 186	48 425
1991	49 606	50 570	49 860	50 296	50 307	48 838	49 185	49 228	48 639	48 791	48 491	46 514
1992	47 340	47 542	46 785	47 071	47 494	46 287	48 887	47 627	47 248	47 592	47 976	45 688
1993	46 337	46 785	45 703	46 474	46 994	46 403	47 225	47 978	47 575	48 526	48 759	47 092
1994	48 960	49 949	49 447	50 391	51 108	50 538	51 546	52 744	51 874	52 624	53 280	51 189
1995	54 252	55 421	54 521	55 554	56 812	55 734	56 841	57 798	57 210	58 140	59 317	57 108
1996	59 755	60 886	59 046	60 313	60 766	58 232	59 434	60 212	58 433	58 881	59 551	55 912
1997	58 114	59 385	57 862	59 610	60 493	58 751	60 074	60 720	59 209	60 162	60 754	58 164
	Seasonally Adjusted—Millions of Dollars											
1987	42 086	42 066	42 017	42 262	42 263	42 258	42 143	42 275	41 936	42 349	42 612	43 141
1988	43 331	43 653	44 094	44 271	44 701	45 192	45 574	46 013	46 542	46 678	47 009	47 707
1989	48 479	48 476	48 806	48 787	49 022	49 641	49 902	50 072	50 106	50 255	50 415	50 342
1990	50 506	50 512	50 157	50 287	50 340	50 144	50 030	49 865	49 895	49 836	49 874	49 673
1991	49 786	50 115	50 073	50 085	49 775	49 313	49 160	48 782	48 699	48 470	48 092	47 880
1992	47 542	47 125	47 173	46 946	46 961	46 787	46 849	47 109	47 358	47 192	47 433	47 075
1993	46 516	46 337	46 134	46 369	46 417	46 910	47 149	47 361	47 734	48 128	48 143	48 602
1994	49 144	49 421	50 073	50 294	50 406	51 133	51 409	51 982	52 133	52 264	52 604	52 905
1995	54 465	54 735	55 193	55 376	55 969	56 376	56 663	56 950	57 567	57 843	58 577	59 158
1996	60 045	60 046	59 851	60 061	59 749	58 917	59 172	59 309	58 849	58 708	58 884	57 944
1997	58 425	58 512	58 503	59 268	59 462	59 426	59 808	59 842	59 658	60 075	60 093	60 304
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.8	–	–.1	.6	–	–	–.3	.3	–.8	1.0	.6	1.2
1988	.4	.7	1.0	.4	1.0	1.1	.8	1.0	1.1	.3	.7	1.5
1989	1.6	–	.7	–	.5	1.3	.5	.3	.1	.3	.3	–.1
1990	.3	–	–.7	.3	.1	–.4	–.2	–.3	.1	–.1	.1	–.4
1991	.2	.7	–.1	–	–.6	–.9	–.3	–.8	–.2	–.5	–.8	–.4
1992	–.7	–.9	.1	–.5	–	–.4	.1	.6	.5	–.4	.5	–.8
1993	–1.2	–.4	–.4	.5	.1	1.1	.5	.4	.8	.8	–	1.0
1994	1.1	.6	1.3	.4	.2	1.4	.5	1.1	.3	.3	.7	.6
1995	2.9	.5	.8	.3	1.1	.7	.5	.5	1.1	.5	1.3	1.0
1996	1.5	–	–.3	.4	–.5	–1.4	.4	.2	–.8	–.2	.3	–1.6
1997	.8	.1	–	1.3	.3	–.1	.6	.1	–.3	.7	–	.4
	INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	11 601	11 529	11 420	11 672	11 603	11 714	11 709	11 692	11 662	11 874	12 008	12 129
1988	12 214	12 405	12 508	12 724	12 814	12 842	13 324	13 571	13 799	14 005	13 736	13 636
1989	14 288	14 359	14 440	14 372	14 371	14 348	14 645	14 707	14 721	15 041	14 819	14 328
1990	14 798	14 715	14 320	14 344	14 339	14 354	14 413	14 405	14 412	14 587	14 630	14 437
1991	14 912	14 645	14 537	14 547	14 385	14 032	14 125	14 135	13 895	13 768	13 620	13 394
1992	13 637	13 483	13 096	12 968	12 919	13 128	13 127	13 537	13 706	13 596	13 558	13 531
1993	14 060	14 105	13 730	14 185	14 576	14 349	14 513	14 676	14 424	14 781	14 922	14 538
1994	14 558	14 884	14 562	15 101	15 415	15 486	15 893	16 576	16 127	16 156	16 644	16 194
1995	16 312	16 950	16 586	17 106	17 609	17 147	17 625	18 374	18 350	19 231	19 330	18 870
1996	19 483	19 773	18 981	19 458	19 841	19 072	19 757	20 287	19 651	18 987	19 203	18 383
1997	18 734	19 016	18 709	18 673	19 168	19 229	19 515	19 640	19 587	19 610	19 592	18 876
	Seasonally Adjusted—Millions of Dollars											
1987	11 565	11 514	11 496	11 639	11 636	11 753	11 645	11 634	11 668	11 857	12 018	12 212
1988	12 153	12 373	12 583	12 696	12 861	12 906	13 270	13 507	13 792	13 963	13 720	13 755
1989	14 202	14 301	14 520	14 367	14 430	14 441	14 603	14 630	14 688	14 985	14 790	14 474
1990	14 677	14 640	14 413	14 369	14 392	14 470	14 391	14 299	14 373	14 511	14 575	14 609
1991	14 800	14 566	14 681	14 604	14 427	14 156	14 106	13 977	13 843	13 670	13 545	13 587
1992	13 566	13 403	13 308	13 031	12 929	13 242	13 108	13 332	13 694	13 458	13 462	13 735
1993	14 011	14 002	14 003	14 264	14 547	14 468	14 484	14 385	14 425	14 636	14 800	14 788
1994	14 534	14 762	14 925	15 212	15 343	15 626	15 848	16 193	16 126	15 992	16 492	16 509
1995	16 332	16 796	17 000	17 239	17 507	17 289	17 563	17 919	18 298	19 048	19 135	19 310
1996	19 574	19 611	19 470	19 633	19 695	19 241	19 650	19 774	19 537	18 824	19 013	18 835
1997	18 859	18 875	19 121	18 847	19 043	19 392	19 393	19 150	19 427	19 478	19 402	19 361
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–.4	–.2	1.2	–	1.0	–.9	–.1	.3	1.6	1.4	1.6
1988	–.5	1.8	1.7	.9	1.3	.3	2.8	1.8	2.1	1.2	–1.7	.3
1989	3.2	.7	1.5	–1.1	.4	.1	1.1	.2	.4	2.0	–1.3	–2.1
1990	1.4	–.3	–1.6	–.3	.2	.5	–.5	–.6	.5	1.0	.4	.2
1991	1.3	–1.6	.8	–.5	–1.2	–1.9	–.4	–.9	–1.0	–1.2	–.9	.3
1992	–.2	–1.2	–.7	–2.1	–.8	2.4	–1.0	1.7	2.7	–1.7	–	2.0
1993	2.0	–.1	–	1.9	2.0	–.5	.1	–.7	.3	1.5	1.1	–.1
1994	–1.7	1.6	1.1	1.9	.9	1.8	1.4	2.2	–.4	–.8	3.1	.1
1995	–1.1	2.8	1.2	1.4	1.6	–1.2	1.6	2.0	2.1	4.1	.5	.9
1996	1.4	.2	–.7	.8	.3	–2.3	2.1	.6	–1.2	–3.6	1.0	–.9
1997	.1	.1	1.3	–1.4	1.0	1.8	–	–1.3	1.4	.3	–.4	–.2

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	17 253	17 682	17 839	17 885	17 950	18 080	17 859	18 035	18 270	18 195	18 108	17 494
1988	17 814	18 396	18 596	18 538	18 924	18 959	18 819	19 158	19 364	19 160	19 737	19 138
1989	19 595	20 003	20 266	20 698	21 067	21 000	21 174	21 660	21 255	20 970	21 381	20 744
1990	21 281	21 105	20 872	21 054	21 170	20 249	20 566	20 655	21 061	20 919	20 910	19 742
1991	19 973	20 553	20 483	20 097	20 625	20 304	20 228	19 997	19 921	20 099	20 121	18 793
1992	18 916	18 927	19 274	19 431	19 596	18 709	18 734	19 133	19 419	19 633	19 585	17 972
1993	18 005	18 246	17 996	18 197	18 412	18 253	18 986	19 468	19 685	20 249	19 862	18 548
1994	19 736	20 123	19 980	20 040	20 084	20 661	20 706	21 225	21 424	21 477	21 599	19 788
1995	22 436	22 384	21 955	22 301	22 713	22 199	22 682	22 923	22 535	22 366	22 563	21 144
1996	22 030	22 649	22 114	22 389	22 660	21 973	22 291	22 185	21 611	21 903	22 296	20 752
1997	21 489	21 794	21 668	22 442	22 545	21 921	22 399	22 659	22 212	22 492	22 734	21 853
	Seasonally Adjusted—Millions of Dollars											
1987	17 542	17 648	17 709	17 763	17 814	18 067	17 944	17 890	18 144	18 056	18 007	18 029
1988	18 150	18 377	18 506	18 425	18 732	18 970	18 878	19 014	19 193	18 971	19 554	19 755
1989	19 988	20 023	20 221	20 594	20 798	21 082	21 233	21 512	21 021	20 708	21 079	21 434
1990	21 695	21 153	20 885	20 983	20 896	20 406	20 616	20 505	20 772	20 574	20 560	20 468
1991	20 361	20 631	20 554	20 072	20 376	20 519	20 267	19 815	19 575	19 672	19 723	19 589
1992	19 273	19 036	19 454	19 486	19 402	18 945	18 741	18 897	19 059	19 152	19 080	18 791
1993	18 333	18 330	18 202	18 282	18 227	18 475	18 948	19 178	19 329	19 771	19 328	19 462
1994	20 077	20 183	20 301	20 151	19 873	20 905	20 591	20 842	21 102	21 033	21 060	20 794
1995	22 794	22 389	22 310	22 378	22 436	22 421	22 504	22 498	22 257	22 006	22 045	22 243
1996	22 390	22 620	22 503	22 426	22 331	22 161	22 060	21 767	21 430	21 647	21 865	21 777
1997	21 829	21 735	21 970	22 414	22 202	22 076	22 174	22 268	22 103	22 303	22 332	22 879
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−1.7	.6	.3	.3	.3	1.4	−.7	−.3	1.4	−.5	−.3	.1
1988	.7	1.3	.7	−.4	1.7	1.3	−.5	.7	.9	−1.2	3.1	1.0
1989	1.2	.2	1.0	1.8	1.0	1.4	.7	1.3	−2.3	−1.5	1.8	1.7
1990	1.2	−2.5	−1.3	.5	−.4	−2.3	1.0	−.5	1.3	−1.0	−.1	−.4
1991	−.5	1.3	−.4	−2.3	1.5	.7	−1.2	−2.2	−1.2	.5	.3	−.7
1992	−1.6	−1.2	2.2	.2	−.4	−2.4	−1.1	.8	.9	.5	−.4	−1.5
1993	−2.4	–	−.7	.4	−.3	1.4	2.6	1.2	.8	2.3	−2.2	.7
1994	3.2	.5	.6	−.7	−1.4	5.2	−1.5	1.2	1.2	−.3	.1	−1.3
1995	9.6	−1.8	−.4	.3	.3	−.1	.4	–	−1.1	−1.1	.2	.9
1996	.7	1.0	−.5	−.3	−.4	−.8	−.5	−1.3	−1.5	1.0	1.0	−.4
1997	.2	−.4	1.1	2.0	−.9	−.6	.4	.4	−.7	.9	.1	2.4
	INDUSTRIAL MACHINERY AND EQUIPMENT, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	13 037	13 164	12 856	13 064	13 159	12 401	12 631	12 730	11 735	12 198	12 495	12 656
1988	13 121	13 226	13 057	13 372	13 437	13 231	13 484	13 498	13 117	13 505	13 638	13 912
1989	14 403	14 559	14 099	14 060	14 108	13 991	14 122	13 978	13 931	14 331	14 442	14 125
1990	14 258	15 174	14 872	15 177	15 366	15 123	15 064	15 146	14 304	14 535	14 646	14 246
1991	14 721	15 372	14 840	15 652	15 297	14 502	14 832	15 096	14 823	14 924	14 750	14 327
1992	14 787	15 132	14 415	14 672	14 979	14 450	15 026	14 957	14 123	14 363	14 833	14 185
1993	14 272	14 434	13 977	14 092	14 006	13 801	13 726	13 834	13 466	13 496	13 975	14 006
1994	14 666	14 942	14 905	15 250	15 609	14 391	14 947	14 943	14 323	14 991	15 037	15 207
1995	15 504	16 087	15 980	16 147	16 490	16 388	16 534	16 501	16 325	16 543	17 424	17 094
1996	18 242	18 464	17 951	18 466	18 265	17 187	17 386	17 740	17 171	17 991	18 052	16 777
1997	17 891	18 575	17 485	18 495	18 780	17 601	18 160	18 421	17 410	18 060	18 428	17 435
	Seasonally Adjusted—Millions of Dollars											
1987	12 979	12 904	12 812	12 860	12 813	12 438	12 554	12 751	12 124	12 436	12 587	12 900
1988	13 028	12 903	13 005	13 150	13 108	13 316	13 426	13 492	13 557	13 744	13 735	14 197
1989	14 289	14 152	14 065	13 826	13 794	14 118	14 066	13 930	14 397	14 562	14 546	14 434
1990	14 134	14 719	14 859	14 935	15 052	15 268	15 023	15 061	14 750	14 751	14 739	14 596
1991	14 625	14 918	14 838	15 409	14 972	14 638	14 787	14 990	15 281	15 128	14 824	14 704
1992	14 703	14 686	14 411	14 429	14 630	14 600	15 000	14 880	14 605	14 582	14 891	14 549
1993	14 172	14 005	13 929	13 823	13 643	13 967	13 717	13 798	13 980	13 721	14 015	14 352
1994	14 533	14 476	14 847	14 931	15 190	14 602	14 970	14 947	14 905	15 239	15 052	15 602
1995	15 339	15 550	15 883	15 759	16 026	16 666	16 596	16 533	17 012	16 789	17 397	17 605
1996	18 081	17 815	17 878	18 002	17 723	17 515	17 462	17 768	17 882	18 237	18 006	17 332
1997	17 737	17 902	17 412	18 007	18 217	17 958	18 241	18 424	18 128	18 294	18 359	18 064
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	−.6	−.7	.4	−.4	−2.9	.9	1.6	−4.9	2.6	1.2	2.5
1988	1.0	−1.0	.8	1.1	−.3	1.6	.8	.5	.5	1.4	−.1	3.4
1989	.6	−1.0	−.6	−1.7	−.2	2.3	−.4	−1.0	3.4	1.1	−.1	−.8
1990	−2.1	4.1	1.0	.5	.8	1.4	−1.6	.3	−2.1	–	−.1	−1.0
1991	.2	2.0	−.5	3.8	−2.8	−2.2	1.0	1.4	1.9	−1.0	−2.0	−.8
1992	–	−.1	−1.9	.1	1.4	−.2	2.7	−.8	−1.8	−.2	2.1	−2.3
1993	−2.6	−1.2	−.5	−.8	−1.3	2.4	−1.8	.6	1.3	−1.9	2.1	2.4
1994	1.3	−.4	2.6	.6	1.7	−3.9	2.5	−.2	−.3	2.2	−1.2	3.7
1995	−1.7	1.4	2.1	−.8	1.7	4.0	−.4	−.4	2.9	−1.3	3.6	1.2
1996	2.7	−1.5	.4	.7	−1.5	−1.2	−.3	1.8	.6	2.0	−1.3	−3.7
1997	2.3	.9	−2.7	3.4	1.2	−1.4	1.6	1.0	−1.6	.9	.4	−1.6

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	28 293	28 578	28 830	29 214	29 577	29 483	29 326	29 313	29 116	29 262	29 220	29 087
1988	29 349	29 789	29 938	30 264	30 596	30 596	30 560	30 784	30 490	30 702	31 023	30 812
1989	31 364	32 170	32 173	32 875	33 121	32 724	33 046	33 388	32 801	33 122	32 988	32 689
1990	33 219	33 588	33 591	33 946	34 165	33 703	33 768	33 693	33 164	33 111	32 918	31 939
1991	32 182	32 318	32 332	32 689	32 636	32 108	32 084	31 779	31 254	31 112	30 789	30 011
1992	30 560	30 927	30 922	31 175	31 306	31 201	31 071	31 323	30 800	30 412	30 219	29 709
1993	30 403	30 829	30 950	31 593	32 150	31 636	32 014	32 128	31 433	31 679	31 736	30 765
1994	31 843	32 412	32 505	33 301	34 024	33 794	34 492	34 885	34 569	35 099	35 237	34 571
1995	36 005	38 986	36 990	37 768	38 238	37 885	38 904	39 261	38 871	39 632	38 860	37 991
1996	39 384	39 391	38 712	39 663	39 818	39 338	39 693	39 888	39 213	39 519	39 555	37 953
1997	38 646	39 088	38 523	39 768	40 276	39 524	40 728	40 795	39 807	40 154	40 240	39 102
	Seasonally Adjusted—Millions of Dollars											
1987	28 727	28 747	28 837	28 867	29 006	29 025	29 025	29 028	29 236	29 393	29 610	29 859
1988	29 771	29 893	29 932	29 894	30 004	30 183	30 273	30 505	30 646	30 832	31 384	31 645
1989	31 773	32 249	32 157	32 464	32 483	32 345	32 751	33 082	32 999	33 276	33 342	33 623
1990	33 833	33 843	33 585	33 515	33 495	33 354	33 452	33 351	33 352	33 250	33 239	32 913
1991	32 564	32 370	32 367	32 311	32 027	31 835	31 755	31 402	31 381	31 198	31 044	30 981
1992	30 922	30 976	30 992	30 824	30 700	30 969	30 694	30 920	30 946	30 478	30 470	30 722
1993	30 738	30 860	31 053	31 248	31 534	31 450	31 608	31 681	31 579	31 705	31 950	31 863
1994	32 178	32 420	32 666	32 957	33 384	33 674	34 035	34 372	34 743	35 088	35 429	35 847
1995	36 367	36 963	37 252	37 387	37 514	37 798	38 353	38 618	39 027	39 577	39 008	39 413
1996	39 776	39 377	39 099	39 322	39 135	39 331	39 098	39 206	39 367	39 428	39 636	39 335
1997	39 024	39 064	38 942	39 422	39 610	39 532	40 120	40 088	39 950	40 052	40 278	40 488
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.1	.3	.1	.5	.1	–	–	.7	.5	.7	.8
1988	–.3	.4	.1	–.1	.4	.6	.3	.8	.5	.6	1.8	.8
1989	.4	1.5	–.3	1.0	.1	–.4	1.3	1.0	–.3	.8	.2	.8
1990	–	–	–.2	–.2	–.1	–.4	.3	–.3	–	–.3	–	–1.0
1991	–1.1	–.6	–	–.2	–.9	–.6	–.3	–1.1	–.1	–.6	–.5	–.2
1992	–.2	.2	.1	–.5	–.4	.9	–.9	.7	.1	–1.5	–	.8
1993	.1	.4	.6	.6	.9	–.3	.5	.2	–.3	.4	.8	–.3
1994	1.0	.8	.8	.9	1.3	.9	1.1	1.0	1.1	1.0	1.0	1.2
1995	1.5	1.6	.8	.4	.3	.8	1.5	.7	1.1	1.4	–1.4	1.0
1996	.9	–1.0	–.7	.8	–.5	.5	–.6	.3	.4	.2	.5	–.8
1997	–.8	.1	–.3	1.2	.5	–.2	1.5	–.1	–.3	.3	.6	.5
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 933	8 929	8 954	9 164	9 266	9 290	9 364	9 301	9 145	9 047	8 931	9 183
1988	9 166	9 229	9 311	9 414	9 465	9 438	9 589	9 652	9 602	9 684	9 762	9 804
1989	9 955	10 171	10 213	10 317	10 256	10 211	10 547	10 498	10 589	10 666	10 676	10 741
1990	10 931	10 883	10 883	10 873	10 838	10 592	10 815	10 645	10 486	10 510	10 489	10 227
1991	10 180	10 282	10 226	10 267	10 353	10 210	10 380	10 560	10 434	10 405	10 343	10 430
1992	10 489	10 496	10 443	10 525	10 548	10 477	10 437	10 566	10 443	10 348	10 364	10 464
1993	10 580	10 568	10 636	10 724	10 856	10 768	11 047	11 150	11 178	11 141	11 156	10 984
1994	11 382	11 478	11 560	11 743	11 892	11 912	12 281	12 336	12 231	12 502	12 466	12 626
1995	13 191	13 352	13 464	13 754	13 738	14 114	14 569	15 025	15 028	15 312	14 752	14 540
1996	14 786	14 771	14 571	14 995	14 881	14 756	15 025	14 993	14 940	15 118	15 020	14 832
1997	14 716	14 581	14 980	15 288	15 319	15 148	15 687	15 442	15 421	15 411	15 413	15 267
	Seasonally Adjusted—Millions of Dollars											
1987	8 993	8 961	8 937	9 084	9 192	9 243	9 209	9 220	9 168	9 127	9 085	9 288
1988	9 212	9 251	9 284	9 334	9 391	9 424	9 454	9 584	9 633	9 747	9 900	9 908
1989	9 985	10 180	10 187	10 234	10 176	10 227	10 432	10 429	10 631	10 716	10 800	10 849
1990	10 950	10 882	10 867	10 799	10 762	10 638	10 723	10 565	10 511	10 538	10 584	10 318
1991	10 183	10 284	10 231	10 224	10 302	10 272	10 299	10 464	10 435	10 406	10 418	10 528
1992	10 467	10 508	10 470	10 497	10 502	10 539	10 339	10 448	10 431	10 339	10 447	10 589
1993	10 569	10 590	10 688	10 697	10 815	10 823	10 934	11 007	11 158	11 111	11 235	11 139
1994	11 371	11 514	11 638	11 710	11 856	11 977	12 139	12 173	12 195	12 450	12 545	12 842
1995	13 182	13 407	13 585	13 700	13 695	14 192	14 369	14 821	14 970	15 225	14 825	14 805
1996	14 779	14 852	14 740	14 940	14 851	14 850	14 801	14 791	14 878	15 023	15 074	15 098
1997	14 711	14 671	15 167	15 217	15 286	15 240	15 457	15 250	15 360	15 319	15 452	15 510
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.8	–.4	–.3	1.6	1.2	.6	–.4	.1	–.6	–.4	–.5	2.2
1988	–.8	.4	.4	.5	.6	.4	.3	1.4	.5	1.2	1.6	.1
1989	.8	2.0	.1	.5	–.6	.5	2.0	–	1.9	.8	.8	.5
1990	.9	–.8	–.1	–.6	–.3	–1.2	.8	–1.5	–.5	.3	.4	–2.5
1991	–1.3	1.0	–.5	–.1	.8	–.3	.3	1.6	–.3	–.3	.1	1.1
1992	–.4	.2	–.4	.3	–	.4	–1.9	1.1	–.2	–.9	1.0	1.4
1993	–.2	.2	.9	.1	1.1	.1	1.0	.7	1.4	–.4	1.1	–.9
1994	2.1	1.3	1.1	.6	1.2	1.0	1.4	.3	.2	2.1	.8	2.4
1995	2.6	1.7	1.3	.8	–	3.6	1.2	3.1	1.0	1.7	–2.6	–.1
1996	–.2	.5	–.8	1.4	–.6	–	–.3	–.1	.6	1.0	.3	.2
1997	–2.6	–.3	3.4	.3	.5	–.3	1.4	–1.3	.7	–.3	.9	.4

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	11 950	12 041	11 947	12 097	12 277	12 290	12 194	12 351	12 377	12 505	12 594	12 199
1988	12 395	12 586	12 528	12 653	12 770	12 848	12 924	13 107	13 050	13 090	13 200	12 943
1989	13 215	13 619	13 605	13 901	14 063	13 909	14 035	14 249	13 825	13 886	13 762	13 332
1990	13 441	13 714	13 661	13 884	13 919	13 714	13 796	13 768	13 645	13 516	13 378	13 007
1991	13 224	13 108	13 292	13 500	13 215	13 068	12 983	12 695	12 492	12 354	12 227	11 705
1992	11 914	12 054	11 937	11 955	11 834	11 721	11 783	12 001	11 870	11 818	11 806	11 502
1993	11 979	12 175	12 198	12 409	12 566	12 293	12 491	12 586	12 224	12 318	12 246	11 733
1994	12 217	12 445	12 533	12 703	13 092	13 031	13 344	13 439	13 435	13 626	13 639	13 229
1995	13 610	14 052	13 790	13 751	13 801	13 294	13 622	13 339	13 255	13 396	13 462	13 224
1996	13 976	13 777	13 880	14 019	14 119	14 142	14 186	14 387	14 103	14 102	14 169	13 365
1997	13 514	13 768	13 523	13 557	13 753	13 653	13 903	14 107	13 895	13 872	14 080	13 824
	Seasonally Adjusted—Millions of Dollars											
1987	12 133	12 116	12 034	12 077	12 147	12 171	12 114	12 160	12 303	12 405	12 609	12 592
1988	12 601	12 650	12 606	12 597	12 614	12 727	12 825	12 911	12 991	13 024	13 230	13 384
1989	13 435	13 662	13 662	13 792	13 871	13 786	13 917	14 045	13 789	13 865	13 817	13 821
1990	13 655	13 737	13 692	13 737	13 716	13 611	13 667	13 574	13 630	13 516	13 441	13 509
1991	13 402	13 111	13 306	13 352	13 028	13 001	12 856	12 516	12 487	12 351	12 282	12 181
1992	12 057	12 034	11 935	11 823	11 656	11 885	11 662	11 848	11 900	11 814	11 855	11 967
1993	12 101	12 130	12 183	12 285	12 375	12 275	12 365	12 431	12 274	12 304	12 277	12 199
1994	12 333	12 374	12 522	12 599	12 892	13 036	13 210	13 271	13 506	13 610	13 655	13 740
1995	13 744	13 950	13 794	13 662	13 593	13 306	13 488	13 156	13 309	13 382	13 456	13 704
1996	14 121	13 671	13 922	13 960	13 930	14 167	14 038	14 181	14 154	14 096	14 140	13 817
1997	13 658	13 658	13 577	13 504	13 590	13 672	13 769	13 901	13 928	13 872	14 034	14 270
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.5	–.1	–.7	.4	.6	.2	–.5	.4	1.2	.8	1.6	–.1
1988	.1	.4	–.3	–.1	.1	.9	.8	.7	.6	.3	1.6	1.2
1989	.4	1.7	–	1.0	.6	–.6	1.0	.9	–1.8	.6	–.3	–
1990	–1.2	.6	–.3	.3	–.2	–.8	.4	–.7	.4	–.8	–.6	.5
1991	–.8	–2.2	1.5	.3	–2.4	–.2	–1.1	–2.6	–.2	–1.1	–.6	–.8
1992	–1.0	–.2	–.8	–.9	–1.4	.2	–.2	1.6	.5	–.7	.3	.9
1993	1.1	.2	.4	.8	.7	–.8	.7	.5	–1.3	.2	–.2	–.6
1994	1.1	.3	1.2	.6	2.3	1.1	1.3	.5	1.8	.8	.3	.6
1995	–	1.5	–1.1	–1.0	–.5	–2.1	1.4	–2.5	1.2	.5	.6	1.8
1996	3.0	–3.2	1.8	.3	–.2	1.7	–.9	1.0	–.2	–.4	.3	–2.3
1997	–1.2	–	–.6	–.5	.6	.6	.7	1.0	.2	–.4	1.2	1.7
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 410	7 608	7 929	7 953	8 034	7 903	7 768	7 661	7 594	7 710	7 695	7 705
1988	7 788	7 954	8 099	8 197	8 361	8 310	8 047	8 025	7 838	7 928	8 061	8 065
1989	8 194	8 380	8 355	8 657	8 802	8 604	8 464	8 641	8 387	8 570	8 550	8 616
1990	8 847	8 991	9 047	9 189	9 408	9 397	9 157	9 280	9 033	9 085	9 051	8 705
1991	8 778	8 928	8 814	8 922	9 068	8 830	8 721	8 524	8 328	8 353	8 219	7 876
1992	8 157	8 377	8 542	8 695	8 924	9 003	8 851	8 758	8 487	8 246	8 049	7 743
1993	7 844	8 086	8 116	8 460	8 728	8 575	8 476	8 390	8 031	8 220	8 334	8 048
1994	8 244	8 489	8 412	8 855	9 040	8 851	8 867	9 110	8 903	8 971	9 132	8 716
1995	9 204	9 582	9 736	10 263	10 701	10 477	10 713	10 897	10 588	10 924	10 646	10 227
1996	10 622	10 843	10 261	10 649	10 818	10 440	10 482	10 508	10 170	10 299	10 366	9 756
1997	10 416	10 737	10 020	10 925	11 204	10 723	11 138	11 246	10 491	10 871	10 747	10 011
	Seasonally Adjusted—Millions of Dollars											
1987	7 601	7 670	7 866	7 706	7 667	7 611	7 702	7 648	7 765	7 861	7 916	7 979
1988	7 958	7 992	8 042	7 963	7 999	8 032	7 994	8 010	8 022	8 061	8 254	8 353
1989	8 353	8 407	8 308	8 438	8 436	8 332	8 402	8 608	8 579	8 695	8 725	8 953
1990	9 028	9 024	9 026	8 979	9 017	9 107	9 062	9 212	9 211	9 196	9 214	9 086
1991	8 979	8 975	8 830	8 735	8 697	8 562	8 600	8 422	8 459	8 441	8 344	8 272
1992	8 378	8 434	8 587	8 504	8 542	8 745	8 693	8 626	8 615	8 325	8 168	8 166
1993	8 068	8 140	8 182	8 266	8 344	8 352	8 309	8 243	8 147	8 290	8 438	8 525
1994	8 474	8 532	8 506	8 648	8 636	8 661	8 686	8 928	9 042	9 028	9 229	9 265
1995	9 441	9 606	9 873	10 025	10 226	10 300	10 496	10 639	10 748	10 970	10 727	10 904
1996	10 876	10 854	10 437	10 422	10 354	10 314	10 259	10 234	10 335	10 309	10 422	10 420
1997	10 655	10 735	10 198	10 701	10 734	10 620	10 894	10 937	10 662	10 861	10 792	10 708
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.1	.9	2.6	–2.0	–.5	–.7	1.2	–.7	1.5	1.2	.7	.8
1988	–.3	.4	.6	–1.0	.5	.4	–.5	.2	.1	.5	2.4	1.2
1989	–	.6	–1.2	1.6	–	–1.2	.8	2.5	–.3	1.4	.3	2.6
1990	.8	–	–	–.5	.4	1.0	–.5	1.7	–	–.2	.2	–1.4
1991	–1.2	–	–1.6	–1.1	–.4	–1.6	.4	–2.1	.4	–.2	–1.1	–.9
1992	1.3	.7	1.8	–1.0	.4	2.4	–.6	–.8	–.1	–3.4	–1.9	–
1993	–1.2	.9	.5	1.0	.9	.1	–.5	–.8	–1.2	1.8	1.8	1.0
1994	–.6	.7	–.3	1.7	–.1	.3	.3	2.8	1.3	–.2	2.2	.4
1995	1.9	1.7	2.8	1.5	2.0	.7	1.9	1.4	1.0	2.1	–2.2	1.7
1996	–.3	–.2	–3.8	–.1	–.7	–.4	–.5	–.2	1.0	–.3	1.1	–
1997	2.3	.8	–5.0	4.9	.3	–1.1	2.6	.4	–2.5	1.9	–.6	–.8

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	TRANSPORTATION EQUIPMENT, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	53 209	53 839	53 736	53 815	54 050	53 512	54 174	55 149	55 536	56 252	56 786	55 062
1988	56 406	57 601	58 125	58 630	59 575	59 968	60 399	60 536	61 077	61 963	62 544	81 628
1989	63 603	65 085	65 752	65 996	67 090	67 040	68 872	69 455	68 654	69 817	70 431	69 186
1990	71 648	72 418	72 441	73 629	74 840	73 717	75 757	76 220	75 908	77 020	78 665	75 650
1991	76 932	77 731	76 823	76 653	75 627	74 470	74 605	74 448	74 569	74 424	74 290	71 072
1992	71 316	71 462	70 583	69 314	68 498	66 869	66 537	67 262	65 643	65 946	64 625	61 533
1993	62 075	63 492	63 094	62 717	62 819	61 905	62 328	62 390	62 235	61 941	62 825	59 140
1994	60 659	61 318	60 167	60 114	60 962	59 673	60 924	81 679	60 790	61 050	61 423	59 364
1995	60 304	60 656	60 528	60 354	61 278	59 168	60 312	60 703	60 251	80 774	60 513	57 663
1996	60 231	61 497	61 734	61 541	62 237	61 547	63 163	63 978	63 753	64 781	65 346	62 347
1997	65 457	67 316	66 859	67 787	68 750	67 681	69 255	70 581	69 911	71 399	71 881	68 877
	Seasonally Adjusted—Millions of Dollars											
1987	53 743	53 619	53 560	53 762	53 840	53 900	54 226	54 750	55 224	55 709	56 433	58 481
1988	56 889	57 339	57 982	58 571	59 323	60 401	60 319	60 029	60 828	61 414	62 132	83 202
1989	64 125	64 825	65 634	65 895	66 811	67 555	68 767	68 838	68 563	69 184	69 947	70 968
1990	72 224	72 170	72 310	73 456	74 524	74 282	75 590	75 435	75 839	78 367	78 051	77 640
1991	77 512	77 397	76 689	76 450	75 330	75 165	74 514	73 706	74 504	73 773	73 556	73 019
1992	72 083	71 116	70 599	69 268	68 230	67 627	66 431	66 500	65 378	65 217	63 860	63 290
1993	62 685	63 054	63 069	62 765	62 547	62 725	62 273	81 614	61 908	81 267	62 138	60 950
1994	61 216	60 908	60 144	60 219	60 857	60 494	60 865	60 859	60 410	60 429	60 752	61 354
1995	60 767	60 213	60 534	60 455	60 898	59 988	60 174	59 843	59 873	60 215	59 902	59 735
1996	60 633	61 056	81 740	61 574	61 778	62 407	63 016	63 093	63 384	64 217	64 721	64 596
1997	65 808	66 796	66 827	67 771	68 298	68 637	69 174	69 877	69 534	70 761	71 183	69 323
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.7	–.2	–.1	.4	.1	.1	.6	1.0	.9	.9	1.3	–
1988	.8	.8	1.1	1.0	1.3	1.8	–.1	–.5	1.3	1.0	1.2	1.7
1989	1.5	1.1	1.2	.4	1.4	1.1	1.8	.1	–.4	.9	1.1	1.5
1990	1.8	–.1	.2	1.6	1.5	–.3	1.8	–.2	.5	.7	2.2	–.5
1991	–.2	–.1	–.9	–.3	–1.5	–.2	–.9	–1.1	1.1	–1.0	–.3	–.7
1992	–1.3	–1.3	–.7	–1.9	–1.5	–.9	–1.8	.1	–1.7	–.2	–2.1	–.9
1993	–1.0	.6	–	–.5	–.3	.3	–.7	–1.1	.5	–1.0	1.4	–1.9
1994	.4	–.5	–1.3	.1	.7	–.3	.6	–	–.7	–	.5	1.0
1995	–1.0	–.9	.5	–.1	.7	–1.5	.3	–.8	.1	.6	–.5	–.3
1996	1.5	.7	1.1	–.3	.3	1.0	1.0	.1	.5	1.3	.8	–.2
1997	1.9	1.5	–	1.4	.8	.5	.8	.7	–.2	1.8	.8	–2.8
	TRANSPORTATION EQUIPMENT, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	12 883	12 958	13 001	13 068	12 991	12 836	12 552	12 577	12 848	12 813	12 833	12 583
1988	12 607	12 403	12 731	12 751	12 765	13 095	12 873	13 459	13 520	13 133	12 975	13 126
1989	13 009	13 316	13 440	13 348	13 257	13 328	13 293	13 581	13 145	13 137	13 223	13 537
1990	13 328	13 306	13 273	13 468	13 596	13 609	14 038	14 031	13 892	14 167	14 632	15 258
1991	15 470	15 502	15 172	14 958	14 856	14 487	14 533	14 658	14 636	14 836	14 879	14 551
1992	14 628	14 623	14 447	14 421	14 027	14 076	13 823	14 269	14 038	13 503	13 424	12 818
1993	12 818	13 059	13 259	13 238	13 312	12 748	12 882	13 484	13 130	13 265	13 158	12 950
1994	12 795	12 854	12 627	12 744	12 751	12 561	12 768	12 848	12 882	12 763	12 993	12 704
1995	12 770	12 726	12 631	12 830	12 978	12 930	13 093	13 222	13 029	13 328	13 624	13 607
1996	14 250	14 242	14 328	14 207	13 991	13 605	14 303	14 046	13 980	14 000	14 021	13 684
1997	14 259	14 127	14 043	14 264	14 288	14 198	14 906	14 799	14 877	14 925	14 726	14 378
	Seasonally Adjusted—Millions of Dollars											
1987	12 911	12 887	12 971	13 017	13 041	12 929	12 765	12 480	12 758	12 796	12 826	12 557
1988	12 621	12 349	12 701	12 716	12 818	13 187	13 071	13 324	13 443	13 119	12 963	13 095
1989	13 026	13 286	13 410	13 323	13 320	13 427	13 467	13 417	13 110	13 134	13 198	13 525
1990	13 338	13 284	13 246	13 440	13 642	13 709	14 192	13 834	13 885	14 175	14 591	15 281
1991	15 471	15 473	15 138	14 905	14 889	14 613	14 694	14 468	14 640	14 847	14 814	14 612
1992	14 658	14 575	14 435	14 379	14 026	14 206	13 981	14 090	14 026	13 498	13 358	12 884
1993	12 822	12 989	13 246	13 200	13 309	12 888	13 016	13 329	13 102	13 260	13 099	13 058
1994	12 783	12 787	12 627	12 713	12 749	12 709	12 843	12 713	12 858	12 767	12 934	12 829
1995	12 740	12 658	12 640	12 800	12 988	13 072	13 084	13 108	13 009	13 356	13 582	13 750
1996	14 199	14 173	14 336	14 176	14 003	13 748	14 238	13 959	13 977	14 044	14 006	13 808
1997	14 178	14 052	14 043	14 227	14 325	14 347	14 827	14 749	14 867	14 980	14 732	14 499
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.2	–.2	.7	.4	.2	–.9	–1.3	–2.2	2.2	.3	.2	–2.1
1988	.5	–2.2	2.9	.1	.8	2.9	–.9	1.9	.9	–2.4	–1.2	1.0
1989	–.5	2.0	.9	–.6	–	.8	.3	–.4	–2.3	.2	.5	2.5
1990	–1.4	–.4	–.3	1.5	1.5	.5	3.5	–2.5	.4	2.1	2.9	4.7
1991	1.2	–	–2.2	–1.5	–.1	–1.9	.6	–1.5	1.2	1.4	–.2	–1.4
1992	.3	–.6	–1.0	–.4	–2.5	1.3	–1.6	.8	–.5	–3.8	–1.0	–3.5
1993	–.5	1.3	2.0	–.3	.8	–3.2	1.0	2.4	–1.7	1.2	–1.2	–.3
1994	–2.1	–	–1.3	.7	.3	–.3	1.1	–1.0	1.1	–.7	1.3	–.8
1995	–.7	–.6	–.1	1.3	1.5	.6	.1	.2	–.8	2.7	1.7	1.2
1996	3.3	–.2	1.2	–1.1	–1.2	–1.8	3.6	–2.0	.1	.5	–.3	–1.4
1997	2.7	–.9	–.1	1.3	.7	.2	3.3	–.5	.8	.8	–1.7	–1.6

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
TRANSPORTATION EQUIPMENT, TOTAL—WORK-IN-PROCESS												
Not Seasonally Adjusted—Millions of Dollars												
1987	34 166	34 525	34 354	34 206	34 449	34 141	35 155	38 134	38 179	38 694	37 108	35 840
1988	36 823	38 067	38 203	38 687	39 591	39 855	40 481	39 977	40 258	41 279	41 703	41 323
1989	42 266	43 290	44 364	44 811	45 794	46 019	47 731	48 069	47 851	48 632	48 979	48 211
1990	50 535	51 322	51 648	52 542	53 409	52 870	54 045	54 523	54 499	55 231	56 052	52 046
1991	53 009	53 541	53 378	53 164	52 239	51 633	51 830	51 183	51 471	50 678	50 379	48 191
1992	48 058	48 162	47 617	46 352	45 941	44 683	44 280	44 120	42 777	43 392	42 228	40 854
1993	40 833	41 815	41 533	40 958	41 007	40 951	40 947	40 514	40 815	40 575	40 794	38 949
1994	39 939	40 164	39 609	39 549	40 329	39 889	40 535	41 063	40 251	40 809	40 468	39 225
1995	39 832	39 953	39 514	39 271	39 984	38 232	38 878	39 138	38 959	38 740	38 296	36 248
1996	37 573	38 362	38 385	38 494	39 171	39 084	39 890	40 784	40 937	41 965	42 834	40 905
1997	42 710	43 883	43 833	44 203	45 001	44 066	45 151	48 538	45 878	47 143	48 181	44 724
Seasonally Adjusted—Millions of Dollars												
1987	34 712	34 529	34 245	34 273	34 295	34 385	34 873	35 732	35 849	36 215	36 921	37 002
1988	37 370	38 052	38 120	38 718	39 394	39 901	40 070	39 510	39 970	40 805	41 508	42 652
1989	42 885	43 288	44 289	44 777	45 554	48 287	47 298	47 545	47 480	48 087	48 757	49 696
1990	51 220	51 307	51 528	52 431	53 135	52 948	53 589	53 923	54 359	54 874	55 731	53 618
1991	53 693	53 466	53 229	53 052	51 998	51 942	51 488	50 682	51 358	50 145	50 009	49 623
1992	48 737	48 002	47 518	46 356	45 750	45 050	44 000	43 691	42 578	42 912	41 854	41 988
1993	41 336	41 582	41 464	41 076	40 837	41 384	40 776	40 072	40 578	40 113	40 397	40 051
1994	40 363	39 946	39 588	39 743	40 154	40 184	40 448	40 552	39 968	40 161	39 983	40 387
1995	40 142	39 700	39 569	39 488	39 777	38 780	38 827	38 585	38 689	38 326	37 783	37 367
1996	37 777	38 117	38 481	38 685	38 943	39 728	39 904	40 172	40 670	41 520	42 218	42 179
1997	42 855	43 566	43 930	44 380	44 785	44 867	45 240	45 908	45 431	46 619	47 433	46 149
Seasonally Adjusted—Percent Change From Previous Period												
1987	1.1	–.5	–.8	.1	.1	.3	1.4	2.5	.3	1.0	1.9	.2
1988	1.0	1.8	.2	1.6	1.7	1.3	.4	–1.4	1.2	2.1	1.7	2.8
1989	.5	.9	2.3	1.1	1.7	1.6	2.2	.5	–.1	1.3	1.4	1.9
1990	3.1	.2	.4	1.8	1.3	–.4	1.2	.6	.8	.6	1.9	–3.8
1991	.1	–.4	–.4	–.3	–2.0	–.1	–.9	–1.5	1.3	–2.4	–.3	–.8
1992	–1.8	–1.5	–1.0	–2.4	–1.3	–1.5	–2.3	–.7	–2.8	.8	–2.5	.3
1993	–1.8	.8	–.3	–.9	–.8	1.3	–1.5	–1.7	1.3	–1.1	.7	–.9
1994	.8	–1.0	–.9	.4	1.0	.1	.7	.3	–1.4	.5	–.4	1.0
1995	–.6	–1.1	–.3	–.2	.7	–2.5	.1	–.6	.3	–.9	–1.4	–1.1
1996	1.1	.9	1.0	.5	.7	2.0	.4	.7	1.2	2.1	1.7	–.1
1997	1.6	1.7	.8	1.0	.9	.2	.8	1.5	–1.0	2.6	1.7	–2.7
TRANSPORTATION EQUIPMENT, TOTAL—FINISHED GOODS												
Not Seasonally Adjusted—Millions of Dollars												
1987	8 160	8 358	8 381	6 541	8 610	8 535	6 467	8 438	8 509	6 745	6 845	6 639
1988	8 978	7 131	7 191	7 192	7 219	7 218	7 045	7 100	7 299	7 551	7 866	7 179
1989	8 328	8 479	7 948	7 837	8 039	7 693	7 848	7 805	7 858	8 048	8 229	7 438
1990	7 785	7 790	7 520	7 619	7 835	7 438	7 674	7 666	7 517	7 622	7 981	8 346
1991	8 453	8 688	8 273	8 531	8 532	8 350	8 242	8 607	8 462	8 910	9 032	8 330
1992	8 630	8 677	8 519	8 541	8 530	8 110	8 434	8 873	8 828	9 051	8 973	7 861
1993	8 424	8 618	8 302	8 521	8 500	8 206	8 499	8 392	8 290	8 101	8 873	7 241
1994	7 925	8 300	7 931	7 821	7 882	7 423	7 621	7 768	7 657	7 678	7 962	7 435
1995	7 702	7 977	8 383	8 253	8 316	8 004	8 343	8 343	8 263	8 706	8 593	7 808
1996	8 408	8 893	9 021	8 840	9 075	8 858	8 970	9 168	8 836	8 816	8 491	7 758
1997	8 488	9 306	8 983	9 320	9 461	9 397	9 198	9 224	9 356	9 331	8 974	7 775
Seasonally Adjusted—Millions of Dollars												
1987	6 120	8 203	6 344	6 472	6 504	6 586	6 588	6 538	6 617	6 698	6 686	6 902
1988	6 898	6 938	7 161	7 137	7 111	7 313	7 178	7 195	7 415	7 490	7 663	7 455
1989	8 214	8 251	7 935	7 795	7 937	7 841	8 002	7 874	7 973	7 963	7 992	7 747
1990	7 666	7 579	7 538	7 585	7 747	7 625	7 809	7 678	7 595	7 518	7 729	8 741
1991	8 348	8 458	8 322	8 493	8 443	8 610	8 352	8 558	8 508	8 781	8 733	8 784
1992	8 688	8 539	8 646	8 533	8 454	8 371	8 450	8 719	8 776	8 807	8 648	8 418
1993	8 527	8 483	8 359	8 489	8 401	8 453	8 481	8 213	8 228	7 894	8 642	7 841
1994	8 070	8 175	7 929	7 763	7 754	7 601	7 574	7 594	7 586	7 501	7 835	8 138
1995	7 885	7 855	8 325	8 167	8 133	8 134	8 263	8 150	8 175	8 533	8 537	8 618
1996	8 657	8 768	8 923	8 713	8 832	8 931	8 874	8 962	8 737	8 653	8 497	8 609
1997	8 775	9 178	8 854	9 164	9 188	9 423	9 107	9 020	9 236	9 162	9 018	8 675
Seasonally Adjusted—Percent Change From Previous Period												
1987	–.6	1.4	2.3	2.0	.5	1.3	–	–.8	1.2	1.2	–.2	3.2
1988	–.1	.6	3.2	–.3	–.4	2.8	–1.8	.2	3.1	1.0	2.3	–2.7
1989	10.2	.5	–3.8	–1.8	1.8	–1.2	2.1	–1.6	1.3	–.1	.4	–3.1
1990	–1.0	–1.1	–.5	.6	2.1	–1.6	2.4	–1.7	–1.1	–1.0	2.8	13.1
1991	–4.5	1.3	–1.6	2.1	–.6	2.0	–3.0	2.4	–.6	3.2	–.5	.6
1992	–1.1	–1.7	1.3	–1.3	–.9	–1.0	.9	3.2	.7	.4	–1.8	–2.7
1993	1.3	–.5	–1.5	1.6	–1.0	.6	.3	–3.2	.2	–4.1	9.5	–9.3
1994	2.9	1.3	–3.0	–2.1	–.1	–2.0	–.4	.3	–.1	–1.1	4.5	3.9
1995	–3.1	–.4	6.0	–1.9	–.4	–	1.6	–1.4	.3	4.4	–	.9
1996	.5	1.3	1.8	–2.4	1.4	1.1	–.6	1.0	–2.5	–1.0	–1.8	1.3
1997	1.9	4.6	–3.5	3.5	.3	2.6	–3.4	–1.0	2.4	–.8	–1.6	–3.8

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INSTRUMENTS AND RELATED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	22 083	22 369	22 268	22 546	22 931	22 904	23 039	23 200	23 258	23 293	23 423	23 015
1988	23 445	23 709	23 511	23 619	24 115	23 461	23 662	23 917	23 567	23 561	23 689	24 574
1989	25 423	26 025	26 572	27 215	27 466	27 389	27 525	27 786	27 385	27 494	27 413	25 699
1990	28 631	27 089	27 182	27 453	27 653	27 051	27 168	27 425	26 917	27 260	27 067	25 699
1991	25 902	26 298	25 905	26 313	26 311	26 097	26 184	26 212	25 771	25 843	25 637	24 963
1992	25 071	25 328	25 171	25 364	25 489	25 229	25 395	25 393	25 043	24 929	24 662	23 925
1993	23 885	24 359	24 208	24 448	24 407	24 194	24 086	24 093	23 807	23 971	23 604	22 492
1994	22 655	22 920	22 718	22 964	23 289	23 181	23 123	23 314	23 054	23 009	23 089	22 273
1995	22 362	22 958	22 942	23 439	23 512	23 814	24 063	24 371	24 309	24 633	24 948	24 233
1996	24 544	25 075	25 116	25 608	25 714	25 337	25 827	26 083	25 700	25 973	25 493	24 517
1997	24 972	25 360	25 187	25 762	25 839	25 931	26 260	26 483	25 973	26 027	26 273	25 143
	Seasonally Adjusted—Millions of Dollars											
1987	22 389	22 422	22 319	22 401	22 571	22 765	22 822	22 922	23 267	23 294	23 505	23 692
1988	23 777	23 719	23 562	23 451	23 726	23 362	23 452	23 623	23 597	23 543	23 735	25 346
1989	25 813	26 023	26 625	27 008	27 019	27 312	27 268	27 412	27 431	27 427	27 399	26 541
1990	27 095	27 088	27 248	27 240	27 231	26 986	26 912	27 063	26 943	27 145	26 981	26 552
1991	26 398	26 327	26 007	28 125	25 949	26 025	25 939	25 858	25 750	25 689	25 491	25 778
1992	25 596	25 441	25 355	25 192	25 170	25 104	25 130	25 036	24 985	24 769	24 491	24 685
1993	24 402	24 472	24 403	24 292	24 114	24 062	23 848	23 744	23 719	23 819	23 437	23 211
1994	23 166	23 028	22 919	22 817	23 030	23 054	22 886	22 949	22 963	22 878	22 939	22 965
1995	22 851	23 068	23 147	23 286	23 264	23 690	23 806	23 967	24 218	24 502	24 812	24 990
1996	25 083	25 203	25 331	25 422	25 449	25 212	25 538	25 632	25 624	25 845	25 373	25 266
1997	25 483	25 493	25 386	25 566	25 578	25 811	25 959	28 026	25 929	25 909	26 180	25 903
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.3	.1	–.5	.4	.8	.9	.3	.4	1.5	.1	.9	.8
1988	.4	–.2	–.7	–.5	1.2	–1.5	.4	.7	–.1	–.2	.8	6.8
1989	1.8	.8	2.3	1.4	–	1.1	–.2	.5	.1	–	–.1	–3.1
1990	2.1	–	.6	–	–	–.9	–.3	.6	–.4	.7	–.6	–1.6
1991	–.6	–.3	–1.2	.5	–.7	.3	–.3	–.3	–.4	–.2	–.8	1.1
1992	–.7	–.6	–.3	–.6	–.1	–.3	.1	–.4	–.2	–.9	–1.1	.8
1993	–1.1	.3	–.3	–.5	–.7	–.2	–.9	–.4	–.1	.4	–1.8	–1.0
1994	–.2	–.6	–.5	–.4	.9	.1	–.7	.3	.1	–.4	.3	.1
1995	–.5	.9	.3	.6	–.1	1.8	.5	.7	1.0	1.2	1.3	.7
1996	.4	.5	.5	.4	.1	–.9	1.3	.4	–	.9	–1.8	–.4
1997	.9	–	–.4	.7	–	.9	.6	.3	–.4	–.1	1.0	–1.1
	INSTRUMENTS AND RELATED PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 059	5 108	5 065	5 196	5 293	5 290	5 398	5 460	5 439	5 424	5 500	5 333
1988	5 467	5 501	5 485	5 498	5 521	5 577	5 655	5 807	5 805	5 859	5 990	8 117
1989	6 483	8 624	8 644	6 731	8 859	6 930	7 025	7 046	6 812	8 801	6 774	8 592
1990	6 842	8 969	7 017	7 010	7 042	6 983	6 956	8 998	6 973	7 101	7 044	8 822
1991	8 928	6 957	6 944	6 913	6 957	6 970	6 976	7 004	6 973	6 935	6 948	7 014
1992	7 150	7 176	7 010	7 076	7 149	7 157	7 121	7 172	7 149	7 051	6 960	6 849
1993	6 982	6 822	6 837	6 881	6 895	6 813	6 855	6 849	6 794	6 698	6 687	6 641
1994	6 781	6 660	6 709	8 746	6 805	6 763	6 766	6 860	6 785	6 823	8 865	6 927
1995	6 878	6 895	6 923	7 051	7 144	7 209	7 294	7 372	7 412	7 493	7 505	7 430
1996	7 659	7 687	7 784	7 971	7 937	7 916	8 054	8 112	8 195	8 044	7 854	7 993
1997	8 183	8 136	8 198	8 292	8 375	8 480	8 558	8 685	8 700	8 733	8 767	8 605
	Seasonally Adjusted—Millions of Dollars											
1987	5 102	5 104	5 099	5 191	5 256	5 264	5 314	5 371	5 425	5 449	5 568	5 449
1988	5 503	5 475	5 507	5 492	5 477	5 553	5 580	5 722	5 800	5 897	6 053	8 259
1989	6 518	6 584	6 652	8 726	6 800	6 903	6 951	8 955	6 809	8 847	8 831	8 749
1990	6 863	6 925	7 017	7 005	6 980	6 960	6 900	6 927	6 972	7 147	7 088	8 978
1991	6 927	6 927	6 945	6 905	6 901	6 948	6 936	8 944	6 968	6 971	6 978	7 162
1992	7 120	7 178	7 031	7 062	7 093	7 129	7 081	7 111	7 143	7 085	8 986	8 981
1993	6 944	6 844	6 863	6 863	6 844	6 788	6 823	6 788	8 779	8 725	6 714	6 765
1994	6 745	6 699	6 740	6 725	6 755	6 742	6 730	8 792	6 765	6 850	6 900	7 044
1995	8 844	6 945	6 952	7 026	7 093	7 188	7 252	7 298	7 385	7 522	7 555	7 546
1996	7 633	7 747	7 809	7 938	7 881	7 895	8 003	8 032	8 165	8 074	7 916	8 112
1997	8 161	8 191	8 216	8 254	8 318	8 455	8 502	8 604	8 675	8 765	8 848	8 732
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.5	–	–.1	1.8	1.3	.2	.9	1.1	1.0	.4	2.2	–2.1
1988	1.0	–.5	.6	–.3	–.3	1.4	.5	2.5	1.4	1.7	2.6	3.4
1989	4.1	1.0	1.0	1.1	1.1	1.5	.7	.1	–2.1	.6	–.2	–1.2
1990	1.7	.9	1.3	–.2	–.4	–.3	–.9	.4	.6	2.5	–.8	–1.6
1991	–.7	–	.3	–.6	–.1	.7	–.2	.1	.3	–	.1	2.6
1992	–.6	.8	–2.0	.4	.4	.5	–.7	.4	.5	–.8	–1.4	–.1
1993	–.5	–1.4	.3	–	–.3	–.8	.5	–.5	–.1	–.8	–.2	.8
1994	–.3	–.7	.6	–.2	.4	–.2	–.2	.9	–.4	1.3	.7	2.1
1995	–2.8	1.5	.1	1.1	1.0	1.3	.9	.6	1.2	1.9	.4	–.1
1996	1.2	1.5	.8	1.7	–.7	.2	1.4	.4	1.7	–1.1	–2.0	2.5
1997	.6	.4	.3	.5	.8	1.6	.6	1.2	.8	1.0	.9	–1.3

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	INSTRUMENTS AND RELATED PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	12 766	12 928	13 010	13 117	13 324	13 339	13 319	13 422	13 636	13 636	13 885	13 487
1988	13 730	13 903	13 773	13 803	14 184	13 529	13 654	13 658	13 365	13 124	13 044	13 598
1989	13 835	14 150	14 586	14 932	15 000	14 905	14 880	15 109	14 982	15 093	15 087	13 837
1990	14 360	14 366	14 409	14 564	14 691	14 441	14 576	14 742	14 315	14 419	14 303	13 519
1991	13 538	13 820	13 376	13 833	13 546	13 438	13 480	13 567	13 149	13 177	12 894	12 352
1992	12 316	12 404	12 319	12 289	12 293	12 109	12 245	12 220	11 918	11 888	11 840	11 209
1993	11 063	11 422	11 153	11 311	11 214	11 286	11 167	11 197	11 002	11 105	10 800	10 154
1994	10 085	10 427	10 217	10 326	10 416	10 466	10 465	10 466	10 315	10 259	10 243	9 721
1995	9 952	10 436	10 194	10 417	10 292	10 355	10 510	10 583	10 428	10 477	10 701	10 280
1996	10 414	10 650	10 664	10 849	10 815	10 563	10 787	10 861	10 425	10 631	10 432	9 769
1997	10 038	10 204	10 027	10 264	10 216	10 271	10 547	10 458	10 029	9 850	10 078	9 535
	Seasonally Adjusted—Millions of Dollars											
1987	12 996	13 012	13 013	13 028	13 099	13 252	13 229	13 275	13 597	13 581	13 649	13 927
1988	13 976	13 968	13 796	13 708	13 952	13 472	13 557	13 479	13 335	13 046	13 008	14 076
1989	14 101	14 209	14 636	14 839	14 770	14 870	14 738	14 858	14 955	14 969	15 018	14 349
1990	14 674	14 410	14 493	14 485	14 504	14 408	14 412	14 460	14 281	14 286	14 206	14 037
1991	13 880	13 859	13 492	13 578	13 407	13 392	13 303	13 279	13 097	13 018	12 785	12 833
1992	12 687	12 464	12 474	12 246	12 194	12 032	12 053	11 943	11 851	11 732	11 541	11 638
1993	11 409	11 454	11 294	11 261	11 131	11 200	10 982	10 945	10 939	11 004	10 724	10 567
1994	10 406	10 441	10 340	10 254	10 343	10 379	10 278	10 227	10 271	10 197	10 182	10 126
1995	10 255	10 449	10 302	10 323	10 214	10 268	10 302	10 316	10 406	10 444	10 658	10 725
1996	10 715	10 668	10 762	10 728	10 728	10 475	10 553	10 594	10 428	10 627	10 399	10 197
1997	10 304	10 236	10 105	10 141	10 126	10 190	10 303	10 192	10 055	9 862	10 054	9 955
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–	.1	–	.1	.5	1.2	–.2	.3	2.4	–.1	.5	2.0
1988	.4	–.1	–1.2	–.6	1.8	–3.4	.8	–.6	–1.1	–2.2	–.3	8.2
1989	.2	.8	3.0	1.4	–.5	.7	–.9	.8	.7	.1	.3	–4.5
1990	2.3	–1.8	.6	–.1	.1	–.7	–	.3	–1.2	–.1	–.4	–1.2
1991	–1.1	–.2	–2.8	.6	–1.3	–.1	–.7	–.2	–1.4	–.6	–1.8	.4
1992	–1.1	–1.8	.1	–1.8	–.4	–1.3	.2	–.9	–.8	–1.0	–1.6	.8
1993	–2.0	.4	–1.4	–.3	–1.2	.6	–1.9	–.3	–.1	.6	–2.5	–1.5
1994	–1.5	.3	–1.0	–.8	.9	.3	–1.0	–.5	.4	–.7	–.1	–.5
1995	1.3	1.9	–1.4	.2	–1.1	.5	.3	.1	.9	.4	2.0	.6
1996	–.1	–.4	.9	–.3	–	–2.4	.7	.4	–1.6	1.9	–2.1	–1.9
1997	1.0	–.7	–1.3	.4	–.1	.6	1.1	–1.1	–1.3	–1.9	1.9	–1.0
	INSTRUMENTS AND RELATED PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 258	4 335	4 193	4 233	4 314	4 275	4 322	4 318	4 183	4 233	4 258	4 195
1988	4 248	4 305	4 253	4 318	4 410	4 355	4 353	4 454	4 397	4 578	4 655	4 859
1989	5 105	5 251	5 342	5 552	5 607	5 554	5 620	5 631	5 591	5 600	5 552	5 270
1990	5 429	5 754	5 758	5 879	5 920	5 627	5 636	5 685	5 629	5 740	5 720	5 358
1991	5 436	5 521	5 585	5 787	5 808	5 691	5 728	5 641	5 649	5 731	5 795	5 597
1992	5 605	5 748	5 642	5 999	6 047	5 963	6 029	6 001	5 978	8 012	6 062	5 867
1993	5 840	6 115	8 218	6 258	6 298	6 095	8 064	6 047	6 011	6 168	6 117	5 697
1994	5 789	5 833	5 792	5 892	6 068	5 952	5 892	5 988	5 954	5 927	5 981	5 625
1995	5 532	5 627	5 825	5 971	6 076	6 250	6 259	6 436	6 469	6 663	6 742	6 523
1996	8 471	8 738	6 688	8 788	8 962	8 858	8 986	7 110	7 080	7 298	7 207	6 755
1997	8 751	7 020	8 962	7 206	7 248	7 180	7 157	7 340	7 244	7 444	7 428	7 003
	Seasonally Adjusted—Millions of Dollars											
1987	4 291	4 306	4 207	4 182	4 216	4 249	4 279	4 278	4 245	4 264	4 288	4 316
1988	4 298	4 276	4 259	4 251	4 297	4 337	4 315	4 422	4 462	4 600	4 674	5 011
1989	5 194	5 230	5 337	5 443	5 449	5 539	5 579	5 601	5 667	5 611	5 550	5 443
1990	5 558	5 753	5 738	5 750	5 747	5 618	5 600	5 676	5 690	5 732	5 687	5 537
1991	5 591	5 541	5 570	5 642	5 641	5 685	5 700	5 635	5 685	5 700	5 728	5 783
1992	5 789	5 799	5 850	5 884	5 883	5 943	5 996	5 982	5 991	5 952	5 964	6 066
1993	6 049	6 174	6 246	6 168	6 139	6 074	6 043	6 011	6 001	6 090	5 999	5 879
1994	6 015	5 888	5 839	5 838	5 932	5 933	5 878	5 930	5 927	5 831	5 857	5 795
1995	5 752	5 674	5 893	5 937	5 957	6 234	6 252	8 353	6 425	6 536	6 601	6 719
1996	6 735	6 788	8 760	8 756	6 840	6 842	8 982	7 006	7 031	7 144	7 058	6 957
1997	7 018	7 066	7 065	7 171	7 134	7 166	7 154	7 230	7 199	7 282	7 278	7 216
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.1	.3	–2.3	–.6	.8	.8	.7	–.1	–.7	.4	.6	.7
1988	–.4	–.5	–.4	–.2	1.1	.9	–.5	2.5	.9	3.1	1.6	7.2
1989	3.7	.7	2.0	2.0	.1	1.7	.7	.4	1.2	–1.0	–1.1	–1.9
1990	2.1	3.5	–.3	.2	–.1	–2.2	–.3	1.4	.2	.7	–.8	–2.6
1991	1.0	–.9	.5	1.3	–	.8	.3	–1.1	.9	.3	.5	1.0
1992	.1	.2	.9	.6	–	1.0	.9	–.2	.2	–.7	.2	1.7
1993	–.3	2.1	1.2	–1.2	–.5	–1.1	–.5	–.5	–.2	1.5	–1.5	–2.0
1994	2.3	–2.1	–.8	–	1.6	–	–.9	.9	–.1	–1.6	.4	–1.1
1995	–.7	–1.4	3.9	.7	.3	4.6	.3	1.6	1.1	1.7	1.0	1.8
1996	.2	.8	–.4	–.1	1.2	–	2.0	.3	.4	1.6	–1.2	–1.4
1997	.9	.7	–	1.5	–.5	.4	–.2	1.1	–.4	1.2	–.1	–.9

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL OTHER DURABLE GOODS INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	17 737	18 004	18 057	18 197	18 357	18 127	18 086	18 102	17 956	17 718	17 893	18 334
1988	19 002	19 526	19 472	19 252	19 342	19 423	19 781	19 561	19 312	19 264	19 309	19 524
1989	19 867	19 927	19 807	19 734	19 875	19 939	20 160	20 205	20 100	20 109	20 022	19 799
1990	20 197	20 276	20 387	20 584	20 608	20 429	20 521	20 701	20 724	20 510	20 485	20 403
1991	20 588	20 624	20 165	19 741	19 421	19 320	19 325	19 303	19 426	19 330	19 347	19 572
1992	20 043	20 110	20 097	20 292	20 539	20 510	20 513	20 537	20 372	20 414	20 307	20 278
1993	20 616	21 064	21 451	21 942	22 257	22 197	22 183	22 520	22 573	22 777	22 755	22 879
1994	23 877	24 197	24 140	23 900	23 924	23 812	24 033	24 263	24 178	24 173	24 199	24 234
1995	24 832	25 025	24 604	24 836	24 919	24 670	24 857	24 804	25 022	25 389	25 376	25 225
1996	25 734	25 820	25 222	24 882	25 250	25 050	24 944	25 379	25 580	25 608	25 600	25 370
1997	25 885	26 042	25 702	25 754	26 102	25 945	25 987	26 645	26 753	27 024	27 032	26 817
	Seasonally Adjusted—Millions of Dollars											
1987	17 570	17 639	17 807	18 032	18 240	18 145	18 055	18 122	18 152	18 017	18 252	18 496
1988	18 806	19 159	19 242	19 115	19 245	19 455	19 741	19 568	19 501	19 540	19 639	19 700
1989	19 671	19 600	19 617	19 623	19 790	19 982	20 120	20 197	20 263	20 334	20 301	19 982
1990	20 007	19 998	20 233	20 513	20 528	20 467	20 480	20 679	20 854	20 676	20 725	20 622
1991	20 408	20 378	20 026	19 683	19 330	19 346	19 323	19 281	19 527	19 451	19 561	19 808
1992	19 868	19 879	19 967	20 241	20 461	20 533	20 541	20 526	20 458	20 515	20 519	20 531
1993	20 421	20 800	21 318	21 904	22 181	22 247	22 250	22 536	22 662	22 852	22 950	23 131
1994	23 604	23 854	24 009	23 892	23 875	23 908	24 145	24 305	24 256	24 220	24 362	24 494
1995	24 537	24 653	24 511	24 851	24 878	24 786	24 992	24 848	25 083	25 402	25 483	25 466
1996	25 422	25 412	25 164	24 939	25 240	25 216	25 114	25 418	25 610	25 596	25 673	25 593
1997	25 577	25 628	25 671	25 840	26 097	26 118	26 144	26 664	26 766	27 005	27 109	27 045
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.4	1.0	1.3	1.2	−.5	−.5	.4	.2	−.7	1.3	1.3
1988	1.7	1.9	.4	−.7	.7	1.1	1.5	−.9	−.3	.2	.5	.3
1989	−.1	−.4	.1	–	.9	1.0	.7	.4	.3	.4	−.2	−1.6
1990	.1	–	1.2	1.4	.1	−.3	.1	1.0	.8	−.9	.2	−.5
1991	−1.0	−.1	−1.7	−1.7	−1.8	.1	−.1	−.2	1.3	−.4	.6	1.3
1992	.3	.1	.4	1.4	1.1	.4	–	−.1	−.3	.3	–	.1
1993	−.5	1.9	2.5	2.7	1.3	.3	–	1.3	.6	.8	.4	.8
1994	2.0	1.1	.6	−.5	−.1	.1	1.0	.7	−.2	−.1	.6	.5
1995	.2	.5	−.6	1.4	.1	−.4	.8	−.6	.9	1.3	.3	−.1
1996	−.2	–	−1.0	−.9	1.2	−.1	−.4	1.2	.8	−.1	.3	−.3
1997	−.1	.2	.2	.7	1.0	.1	.1	2.0	.4	.9	.4	−.2
	ALL OTHER DURABLE GOODS INDUSTRIES, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	6 980	6 955	6 881	6 860	7 006	7 123	7 178	7 232	7 170	7 215	7 329	7 512
1988	7 690	7 707	7 654	7 450	7 648	7 640	8 020	7 835	7 836	7 963	7 959	7 960
1989	7 979	7 895	7 781	7 699	7 667	7 708	8 037	8 105	8 238	8 395	8 365	8 193
1990	8 085	7 942	7 842	7 805	7 803	7 766	7 870	7 942	8 036	7 997	8 020	8 249
1991	8 159	8 141	7 922	7 653	7 459	7 367	7 471	7 653	7 824	7 843	7 825	7 998
1992	8 085	7 975	7 834	7 835	7 969	8 068	8 235	8 220	8 392	8 424	8 314	8 407
1993	8 378	8 463	8 135	8 265	8 401	8 621	8 942	9 262	9 495	9 789	9 812	9 784
1994	9 932	9 838	9 561	9 353	9 300	9 416	9 710	9 862	10 091	10 272	10 226	10 217
1995	10 314	10 131	9 619	9 530	9 470	9 564	9 937	10 097	10 223	10 542	10 577	10 526
1996	10 534	10 367	9 960	9 582	9 506	9 517	9 749	9 942	10 235	10 345	10 535	10 411
1997	10 457	10 272	9 879	9 786	9 883	9 887	9 991	10 337	10 630	10 862	10 905	10 956
	Seasonally Adjusted—Millions of Dollars											
1987	6 825	6 879	6 934	7 022	7 200	7 308	7 214	7 245	7 144	7 099	7 242	7 348
1988	7 509	7 618	7 717	7 624	7 852	7 842	8 075	7 847	7 810	7 828	7 858	7 788
1989	7 796	7 806	7 853	7 882	7 877	7 919	8 090	8 110	8 196	8 225	8 238	8 010
1990	7 899	7 859	7 937	8 023	8 039	7 993	7 925	7 939	7 962	7 801	7 876	8 053
1991	7 962	8 061	8 035	7 887	7 701	7 593	7 538	7 644	7 730	7 640	7 676	7 804
1992	7 887	7 894	7 961	8 090	8 262	8 319	8 323	8 202	8 275	8 188	8 144	8 217
1993	8 149	8 366	8 292	8 576	8 753	8 919	9 054	9 250	9 343	9 483	9 570	9 532
1994	9 616	9 703	9 770	9 740	9 742	9 778	9 851	9 861	9 921	9 935	9 943	9 951
1995	9 974	9 976	9 838	9 916	9 907	9 923	10 084	10 108	10 049	10 190	10 254	10 228
1996	10 175	10 192	10 202	9 987	9 964	9 905	9 913	9 960	10 058	10 001	10 205	10 103
1997	10 100	10 098	10 118	10 209	10 345	10 280	10 153	10 359	10 443	10 498	10 550	10 618
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.2	.8	.8	1.3	2.5	1.5	−1.3	.4	−1.4	−.6	2.0	1.5
1988	2.2	1.5	1.3	−1.2	3.0	−.1	3.0	−2.8	−.5	.2	.4	−.9
1989	.1	.1	.6	.4	−.1	.5	2.2	.2	1.1	.4	.2	−2.8
1990	−1.4	−.5	1.0	1.1	.2	−.6	−.9	.2	.3	−2.0	1.0	2.2
1991	−1.1	1.2	−.3	−1.8	−2.4	−1.4	−.7	1.4	1.1	−1.2	.5	1.7
1992	1.1	.1	.8	1.6	2.1	.7	–	−1.5	.9	−1.1	−.5	.9
1993	−.8	2.7	−.9	3.4	2.1	1.9	1.5	2.2	1.0	1.5	.9	−.4
1994	.9	.9	.7	−.3	–	.4	.7	.1	.6	.1	.1	.1
1995	.2	–	−1.4	.8	−.1	.2	1.6	.2	−.6	1.4	.6	−.3
1996	−.5	.2	.1	−2.1	−.2	−.6	.1	.5	1.0	−.6	2.0	−1.0
1997	–	–	.2	.9	1.3	−.6	−1.2	2.0	.8	.5	.5	.6

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL OTHER DURABLE GOODS INDUSTRIES, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	3 743	3 836	3 856	3 881	3 774	3 663	3 712	3 793	3 770	3 727	3 738	3 889
1988	3 954	4 145	4 116	4 036	4 022	4 169	3 986	4 045	3 938	3 961	4 049	4 191
1989	4 346	4 334	4 216	4 251	4 328	4 363	4 265	4 244	4 214	4 116	4 112	4 095
1990	4 230	4 330	4 296	4 351	4 342	4 305	4 418	4 524	4 453	4 344	4 285	4 185
1991	4 191	4 197	4 109	4 072	4 043	4 142	4 195	4 142	4 099	4 084	3 989	3 985
1992	4 038	4 102	4 096	4 170	4 198	4 166	4 134	4 164	4 069	4 095	4 073	4 038
1993	4 139	4 216	4 420	4 502	4 554	4 554	4 461	4 545	4 518	4 437	4 410	4 495
1994	4 549	4 731	4 822	4 808	4 783	4 750	4 819	4 901	4 909	4 792	4 687	4 711
1995	4 818	4 858	4 929	5 044	5 076	5 042	5 086	5 074	5 054	5 138	5 085	5 017
1996	5 176	5 201	5 133	5 152	5 192	5 154	5 159	5 242	5 227	5 186	4 909	4 878
1997	5 028	5 090	5 115	5 079	5 161	5 230	5 266	5 297	5 361	5 320	5 295	5 078
	Seasonally Adjusted—Millions of Dollars											
1987	3 744	3 753	3 805	3 837	3 755	3 650	3 701	3 770	3 807	3 796	3 829	3 931
1988	3 954	4 065	4 068	3 996	4 004	4 148	3 966	4 014	3 976	4 021	4 142	4 241
1989	4 349	4 265	4 174	4 209	4 309	4 336	4 239	4 203	4 246	4 174	4 201	4 156
1990	4 235	4 281	4 269	4 315	4 320	4 274	4 388	4 470	4 470	4 389	4 367	4 266
1991	4 205	4 161	4 087	4 030	4 012	4 105	4 165	4 086	4 103	4 127	4 079	4 081
1992	4 057	4 073	4 073	4 135	4 170	4 138	4 099	4 105	4 059	4 130	4 166	4 141
1993	4 162	4 185	4 397	4 468	4 528	4 525	4 423	4 485	4 506	4 476	4 523	4 627
1994	4 575	4 703	4 784	4 761	4 741	4 714	4 774	4 836	4 883	4 820	4 798	4 857
1995	4 850	4 838	4 894	5 005	5 039	5 017	5 042	5 006	5 016	5 152	5 195	5 177
1996	5 213	5 188	5 095	5 116	5 151	5 131	5 114	5 168	5 179	5 188	5 004	5 031
1997	5 069	5 081	5 086	5 050	5 121	5 212	5 211	5 218	5 305	5 321	5 396	5 238
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	.2	1.4	.8	−2.1	−2.8	1.4	1.9	1.0	−.3	.9	2.7
1988	.6	2.8	.1	−1.8	.2	3.6	−4.4	1.2	−.9	1.1	3.0	2.4
1989	2.5	−1.9	−2.1	.8	2.4	.6	−2.2	−.8	1.0	−1.7	.6	−1.1
1990	1.9	1.1	−.3	1.1	.1	−1.1	2.7	1.9	–	−1.8	−.5	−2.3
1991	−1.4	−1.0	−1.8	−1.4	−.4	2.3	1.5	−1.9	.4	.6	−1.2	–
1992	−.6	.4	–	1.5	.8	−.8	−.9	.1	−1.1	1.7	.9	−.6
1993	.5	.6	5.1	1.6	1.3	−.1	−2.3	1.4	.5	−.7	1.1	2.3
1994	−1.1	2.8	1.7	−.5	−.4	−.6	1.3	1.3	1.0	−1.3	−.5	1.2
1995	−.1	−.2	1.2	2.3	.7	−.4	.5	−.7	.2	2.7	.8	−.3
1996	.7	−.5	−1.8	.4	.7	−.4	−.3	1.1	.2	.2	−3.5	.5
1997	.8	.2	.1	−.7	1.4	1.8	–	.1	1.7	.3	1.4	−2.9
	ALL OTHER DURABLE GOODS INDUSTRIES, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 014	7 213	7 320	7 456	7 577	7 341	7 196	7 077	7 016	6 776	6 826	6 933
1988	7 358	7 674	7 702	7 766	7 672	7 614	7 775	7 681	7 538	7 340	7 301	7 373
1989	7 542	7 698	7 810	7 784	7 880	7 868	7 858	7 856	7 648	7 598	7 545	7 511
1990	7 882	8 004	8 249	8 428	8 463	8 358	8 233	8 235	8 235	8 169	8 180	7 969
1991	8 238	8 286	8 134	8 016	7 919	7 811	7 659	7 508	7 503	7 403	7 533	7 589
1992	7 920	8 033	8 167	8 287	8 372	8 276	8 144	8 153	7 911	7 895	7 920	7 833
1993	8 099	8 385	8 896	9 175	9 302	9 022	8 780	8 713	8 560	8 551	8 533	8 600
1994	9 396	9 628	9 757	9 739	9 841	9 646	9 504	9 500	9 178	9 109	9 286	9 306
1995	9 700	10 036	10 056	10 262	10 373	10 064	9 834	9 633	9 745	9 709	9 714	9 682
1996	10 024	10 252	10 129	10 148	10 552	10 379	10 036	10 195	10 118	10 077	10 156	10 081
1997	10 400	10 680	10 708	10 889	11 058	10 828	10 730	11 011	10 762	10 842	10 832	10 783
	Seasonally Adjusted—Millions of Dollars											
1987	7 001	7 007	7 068	7 173	7 285	7 187	7 140	7 107	7 201	7 122	7 181	7 217
1988	7 343	7 476	7 457	7 495	7 389	7 465	7 700	7 707	7 715	7 691	7 639	7 671
1989	7 526	7 529	7 590	7 532	7 604	7 727	7 791	7 884	7 821	7 935	7 862	7 816
1990	7 873	7 858	8 027	8 175	8 169	8 200	8 167	8 270	8 422	8 486	8 482	8 303
1991	8 241	8 156	7 904	7 766	7 617	7 648	7 620	7 551	7 694	7 684	7 806	7 923
1992	7 924	7 912	7 933	8 016	8 029	8 076	8 119	8 219	8 124	8 197	8 209	8 173
1993	8 110	8 249	8 629	8 860	8 900	8 803	8 773	8 801	8 813	8 893	8 857	8 972
1994	9 413	9 448	9 455	9 391	9 392	9 416	9 520	9 608	9 452	9 465	9 621	9 686
1995	9 713	9 839	9 779	9 930	9 932	9 846	9 866	9 734	10 018	10 060	10 034	10 061
1996	10 034	10 032	9 867	9 836	10 125	10 180	10 087	10 290	10 373	10 407	10 464	10 459
1997	10 408	10 449	10 467	10 581	10 631	10 626	10 780	11 087	11 018	11 186	11 163	11 189
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.6	.1	.9	1.5	1.6	−1.3	−.7	−.5	1.3	−1.1	.8	.5
1988	1.7	1.8	−.3	.5	−1.4	1.0	3.1	.1	.1	−.3	−.7	.4
1989	−1.9	–	.8	−.8	1.0	1.6	.8	1.2	−.8	1.5	−.9	−.6
1990	.7	−.2	2.2	1.8	−.1	.4	−.4	1.3	1.8	.8	–	−2.1
1991	−.7	−1.0	−3.1	−1.7	−1.9	.4	−.4	−.9	1.9	−.1	1.6	1.5
1992	–	−.2	.3	1.0	.2	.6	.5	1.2	−1.2	.9	.1	−.4
1993	−.8	1.7	4.6	2.7	.5	−1.1	−.3	.3	.1	.9	−.4	1.3
1994	4.9	.4	.1	−.7	–	.3	1.1	.9	−1.6	.1	1.6	.7
1995	.3	1.3	−.6	1.5	–	−.9	.2	−1.3	2.9	.4	−.3	.3
1996	−.3	–	−1.6	−.3	2.9	.5	−.9	2.0	.8	.3	.5	–
1997	−.5	.4	.2	1.1	.5	–	1.4	2.8	−.6	1.5	−.2	.2

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONDURABLE GOODS INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	111 763	112 517	112 186	112 839	113 454	112 874	113 482	114 883	114 585	115 587	118 249	118 276
1988	118 013	119 172	119 633	121 058	122 011	122 279	123 119	124 469	124 047	125 201	125 674	125 790
1989	127 898	128 714	129 045	131 064	131 584	131 642	132 978	133 712	133 041	133 742	133 895	132 481
1990	135 377	136 374	135 865	138 174	138 590	135 611	137 696	138 911	140 586	142 019	141 593	140 487
1991	142 742	142 785	141 206	141 838	140 641	136 987	138 929	139 324	139 486	140 727	140 671	139 388
1992	140 714	141 140	140 614	141 452	142 071	140 801	142 644	144 352	144 127	145 494	144 047	142 588
1993	145 231	145 112	144 767	146 026	148 537	145 339	145 802	148 808	145 774	148 328	145 399	142 678
1994	144 410	145 465	145 307	146 110	148 829	145 805	148 497	149 205	148 643	150 308	150 012	148 973
1995	152 969	155 496	156 518	158 817	160 182	160 014	161 512	162 098	162 721	162 949	161 606	160 147
1996	162 536	163 652	162 891	163 291	162 191	160 637	181 048	161 566	162 036	163 174	162 628	160 583
1997	162 836	164 660	164 281	165 506	166 418	165 138	185 848	167 186	167 827	169 800	169 689	167 365
	Seasonally Adjusted—Millions of Dollars											
1987	111 527	112 048	112 343	112 294	113 064	113 340	113 540	114 545	115 074	115 540	118 305	117 310
1988	117 662	118 627	119 810	120 461	121 555	122 773	123 142	124 128	124 550	125 192	125 816	126 906
1989	127 451	128 068	129 127	130 490	131 223	132 340	133 047	133 344	133 400	133 513	133 997	133 699
1990	134 906	135 765	136 077	135 647	138 310	136 448	137 758	138 529	140 846	141 466	141 498	141 864
1991	142 262	142 124	141 373	141 368	140 433	139 985	139 060	138 916	139 683	140 009	140 606	140 931
1992	140 346	140 563	140 844	141 017	141 779	141 725	142 850	143 724	144 153	144 704	144 043	144 405
1993	145 037	144 511	144 924	145 594	148 120	148 238	145 775	148 143	145 749	145 571	145 571	144 705
1994	144 431	144 874	145 381	145 607	148 277	148 534	148 420	148 513	148 466	149 471	150 192	151 253
1995	153 224	154 899	156 621	158 055	159 499	160 716	161 351	161 383	162 488	162 159	161 890	162 632
1996	162 890	162 912	162 906	162 662	161 523	161 420	181 095	161 110	161 772	162 282	162 710	182 914
1997	163 124	163 835	164 277	164 834	165 745	165 934	165 934	168 755	167 564	168 899	189 817	169 761
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	.5	.3	–	.7	.2	.2	.9	.5	.4	.7	.9
1988	.3	.8	1.0	.5	.9	1.0	.3	.8	.3	.5	.5	.9
1989	.4	.5	.8	1.1	.6	.9	.5	.2	–	.1	.4	–.2
1990	.9	.6	.2	–.3	.5	.1	1.0	.6	1.7	.4	–	.3
1991	.3	–.1	–.5	–	–.7	–.3	–.7	–.1	.6	.2	.4	.2
1992	–.4	.2	.2	.1	.5	–	.7	.8	.3	.4	–.5	.3
1993	.4	–.4	.3	.5	.4	.1	–.3	.3	–.3	–.1	–	–.6
1994	–.2	.3	.3	.2	.5	.2	1.3	.1	–	.7	.5	.7
1995	1.3	1.1	1.1	.9	.9	.8	.4	–	.7	–.2	–.2	.5
1996	.2	–	–	–.1	–.7	–.1	–.2	–	.4	.3	.3	.1
1997	.1	.4	.3	.3	.6	.1	–	.5	.5	.8	.5	–
	NONDURABLE GOODS INDUSTRIES, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	43 055	42 969	42 959	43 396	43 456	43 458	43 621	43 587	44 128	44 318	44 487	45 813
1988	46 270	46 465	47 002	47 315	47 388	47 800	47 899	48 202	48 497	49 019	49 092	49 929
1989	50 117	50 095	49 919	50 115	49 882	49 924	50 133	50 238	49 757	50 184	50 715	51 232
1990	51 421	51 394	51 525	51 368	50 988	50 852	51 233	51 434	51 660	52 519	52 863	53 279
1991	53 993	53 315	52 982	52 777	52 152	51 878	52 215	51 841	51 760	52 493	52 331	53 594
1992	53 403	53 053	53 040	53 041	52 828	53 047	53 765	53 389	53 360	53 979	53 473	54 506
1993	54 721	54 144	54 260	54 751	54 713	54 847	54 740	54 820	54 365	54 834	54 990	55 398
1994	55 042	54 903	55 191	55 339	55 390	55 518	55 957	55 915	56 408	57 090	56 935	58 334
1995	58 981	59 518	60 728	61 293	61 525	82 137	62 370	62 255	62 273	82 222	62 169	62 388
1996	82 596	62 458	61 758	61 788	60 977	60 417	60 324	59 925	59 911	60 849	60 118	60 488
1997	60 878	61 228	61 052	61 072	60 918	60 602	80 462	60 153	60 696	61 314	60 149	61 268
	Seasonally Adjusted—Millions of Dollars											
1987	42 390	42 470	42 725	43 114	43 482	43 724	43 845	43 972	44 732	44 669	44 837	45 319
1988	45 574	45 992	48 792	47 022	47 441	48 093	48 074	48 573	49 090	49 346	49 371	49 396
1989	49 403	49 669	49 703	49 876	49 994	50 256	50 295	50 587	50 316	50 420	50 944	50 674
1990	50 691	51 019	51 346	51 182	51 179	51 046	51 418	51 800	52 234	52 626	52 975	52 645
1991	53 309	53 020	52 815	52 660	52 389	52 284	52 405	52 178	52 306	52 533	52 476	53 011
1992	52 760	52 791	52 898	52 903	53 022	53 401	53 877	53 723	53 890	53 991	53 636	54 007
1993	54 182	53 928	54 111	54 587	54 843	55 101	54 775	54 888	54 844	54 851	55 281	55 072
1994	54 626	54 665	55 041	55 080	55 429	55 645	55 966	58 184	56 851	57 107	57 304	58 157
1995	58 880	59 288	60 558	60 986	61 521	62 217	62 356	62 507	62 666	62 266	62 634	62 324
1996	82 320	62 127	81 513	81 436	60 948	60 480	60 403	60 308	60 305	60 712	60 658	60 416
1997	80 350	60 822	60 721	60 860	60 843	60 875	60 545	60 577	61 115	61 388	60 770	61 233
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.1	.2	.8	.9	.9	.6	.3	.3	1.7	–.1	.4	1.1
1988	.6	.9	1.7	.5	.9	1.4	–	1.0	1.1	.5	.1	.1
1989	–	.5	.1	.3	.2	.5	.1	.6	–.5	.2	1.0	–.5
1990	–	.8	.8	–.3	–	–.3	.7	.7	.8	.8	.7	–.6
1991	1.3	–.5	–.4	–.3	–.5	–.2	.2	–.4	.2	.4	–.1	1.0
1992	–.5	.1	.2	–	.2	.7	.9	–.3	.3	.2	–.7	.7
1993	.3	–.5	.3	.8	.5	.5	–.8	.2	–.1	–	.8	–.4
1994	–.8	.1	.7	.1	.6	.4	.8	.4	1.2	.5	.3	1.5
1995	.9	1.0	2.1	.7	.9	1.1	.2	.2	.3	–.8	.6	–.5
1996	–	–.3	–1.0	–.1	–.8	–.8	–.1	–.2	–	.7	–.1	–.4
1997	–.1	.8	–.2	–.1	.3	–.3	–.2	.1	.9	.4	–1.0	.8

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	NONDURABLE GOODS INDUSTRIES, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	18 116	18 733	18 764	18 677	18 886	18 883	18 762	19 113	19 092	19 139	19 320	18 788
1988	19 222	19 299	19 603	19 826	20 060	19 913	20 202	20 225	20 219	20 471	20 458	20 021
1989	20 626	20 661	21 169	21 523	21 307	21 319	21 740	21 722	21 840	22 118	21 781	21 093
1990	21 703	21 774	21 918	21 953	22 157	21 600	22 127	22 521	22 925	23 274	23 003	22 240
1991	22 309	22 333	22 080	22 650	22 443	22 358	22 605	22 664	23 137	23 574	23 039	22 228
1992	22 916	23 041	22 966	23 495	23 272	23 003	23 342	23 621	23 763	24 028	23 586	22 911
1993	23 413	23 600	23 480	23 701	23 343	23 138	23 535	23 646	23 745	24 098	23 770	22 785
1994	23 415	23 362	23 555	23 546	23 610	23 606	24 311	24 296	24 877	25 260	25 217	23 988
1995	24 782	24 894	24 970	25 098	25 220	25 212	25 832	25 790	28 409	26 702	26 313	25 378
1996	26 247	26 069	26 086	26 189	28 023	25 948	28 308	28 701	27 046	27 643	27 351	28 040
1997	26 891	27 023	27 011	27 331	27 769	27 278	27 844	28 486	29 089	30 139	30 227	28 908
	Seasonally Adjusted—Millions of Dollars											
1987	18 209	18 761	18 756	18 583	18 775	18 975	18 685	19 019	19 032	18 957	19 200	19 270
1988	19 316	19 333	19 596	19 725	19 991	20 075	20 141	20 160	20 133	20 186	20 314	20 559
1989	20 721	20 708	21 178	21 397	21 258	21 519	21 646	21 632	21 554	21 774	21 622	21 653
1990	21 820	21 845	21 959	21 783	22 152	21 867	22 020	22 402	22 820	22 810	22 824	22 817
1991	22 397	22 412	22 159	22 498	22 489	22 684	22 513	22 556	22 992	23 047	22 810	22 815
1992	22 977	23 127	23 074	23 380	23 339	23 344	23 236	23 478	23 551	23 462	23 332	23 532
1993	23 452	23 693	23 597	23 667	23 457	23 518	23 476	23 546	23 467	23 473	23 427	23 371
1994	23 433	23 458	23 674	23 603	23 784	24 018	24 291	24 204	24 304	24 518	24 777	24 638
1995	24 814	25 013	25 136	25 221	25 415	25 685	25 849	25 690	25 962	25 860	25 778	26 007
1996	26 276	26 181	26 325	26 388	26 269	26 477	26 393	28 816	26 562	26 654	28 669	28 621
1997	26 924	27 137	27 344	27 586	28 042	27 846	27 994	28 363	28 562	29 053	29 464	29 498
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.5	3.0	–	–.9	1.0	1.1	–1.5	1.8	.1	–.4	1.3	.4
1988	.2	.1	1.4	.7	1.3	.4	.3	.1	–.1	.3	.6	1.2
1989	.8	–.1	2.3	1.0	–.6	1.2	.6	–.1	–.4	1.0	–.7	.1
1990	.8	.1	.5	–.8	1.7	–1.3	.7	1.7	1.9	–	.1	–
1991	–1.8	.1	–1.1	1.5	–	.9	–.8	.2	1.9	.2	–1.0	–
1992	.7	.7	–.2	1.3	–.2	–	–.5	1.0	.3	–.4	–.6	.9
1993	–.3	1.0	–.4	.3	–.9	.3	–.2	.3	–.3	–	–.2	–.2
1994	.3	.1	.9	–.3	.8	1.0	1.1	–.4	.4	.9	1.1	–.6
1995	.7	.8	.5	.3	.8	1.1	.6	–.6	1.1	–.4	–.3	.9
1996	1.0	–.4	.6	.2	–.5	.8	–.3	.8	–.2	.3	.1	–.2
1997	1.1	.8	.8	.9	1.7	–.7	.5	1.3	.7	1.7	1.4	.1
	NONDURABLE GOODS INDUSTRIES, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	50 592	50 815	50 463	50 766	51 112	50 535	51 099	52 203	51 365	52 130	52 442	51 695
1988	52 521	53 408	53 028	53 917	54 565	54 566	55 018	56 042	55 331	55 711	56 124	55 840
1989	57 155	57 958	57 957	59 426	60 395	60 399	61 103	61 752	61 644	61 442	61 419	60 156
1990	62 253	63 206	62 422	62 853	63 447	63 359	64 336	64 956	66 001	66 226	65 727	64 968
1991	66 440	67 137	66 144	66 411	66 046	64 751	64 109	64 819	64 589	64 660	65 301	63 566
1992	64 395	65 046	64 608	64 916	65 971	64 751	65 537	67 342	67 004	67 489	66 988	65 171
1993	67 097	67 368	67 027	67 574	68 481	67 354	67 527	68 540	67 664	67 396	66 639	64 493
1994	65 953	67 200	66 561	67 225	67 829	66 683	68 229	68 994	67 560	67 958	67 860	66 651
1995	69 206	71 084	70 820	72 226	73 437	72 665	73 310	74 053	74 039	74 025	73 124	72 381
1996	73 693	75 125	75 049	75 314	75 191	74 272	74 416	74 940	75 079	74 882	75 159	74 055
1997	75 267	76 411	76 218	77 103	77 729	77 258	77 542	78 547	78 042	78 347	79 313	77 191
	Seasonally Adjusted—Millions of Dollars											
1987	50 928	50 817	50 862	50 597	50 807	50 641	51 010	51 554	51 310	51 914	52 268	52 721
1988	52 772	53 302	53 422	53 714	54 123	54 605	54 927	55 395	55 327	55 660	56 131	56 951
1989	57 327	57 691	58 246	59 217	59 971	60 565	61 106	61 125	61 530	61 319	61 431	61 372
1990	62 395	62 901	62 772	62 682	62 979	63 535	64 318	64 327	65 792	66 030	65 699	66 402
1991	68 556	66 692	66 399	66 208	65 555	65 017	64 142	64 182	64 385	64 429	65 320	65 105
1992	64 609	64 645	64 872	64 734	65 418	64 980	65 537	66 523	66 712	67 251	67 075	66 866
1993	67 403	66 890	67 216	67 360	67 820	67 619	67 524	67 709	67 438	67 247	66 863	66 262
1994	66 372	66 751	66 666	66 924	67 064	66 871	68 163	68 125	67 311	67 846	68 111	68 458
1995	69 730	70 598	70 927	71 848	72 563	72 814	73 146	73 186	73 860	74 033	73 478	74 301
1996	74 294	74 604	75 068	74 838	74 306	74 463	74 299	74 188	74 905	74 916	75 383	75 877
1997	75 850	75 876	76 212	76 588	76 860	77 413	77 395	77 815	77 887	78 458	79 583	79 030
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.5	–.2	.1	–.5	.4	–.3	.7	1.1	–.5	1.2	.7	.9
1988	.1	1.0	.2	.5	.8	.9	.6	.9	–.1	.6	.8	1.5
1989	.7	.6	1.0	1.7	1.3	1.0	.9	–	.7	–.3	.2	–.1
1990	1.7	.8	–.2	–.1	.5	.9	1.2	–	2.3	.4	–.5	1.1
1991	.2	.2	–.4	–.3	–1.0	–.8	–1.3	.1	.3	.1	1.4	–.3
1992	–.8	.1	.4	–.2	1.1	–.7	.9	1.5	.3	.8	–.3	–.3
1993	.8	–.8	.5	.2	.7	–.3	–.1	.3	–.4	–.3	–.6	–.9
1994	.2	.6	–.1	.4	.2	–.3	1.9	–.1	–1.2	.8	.4	.5
1995	1.9	1.2	.5	1.3	1.0	.3	.5	.1	.9	.2	–.7	1.1
1996	–	.4	.6	–.3	–.7	.2	–.2	–.1	1.0	–	.6	.7
1997	–	–	.4	.5	.4	.7	–	.5	.1	.7	1.4	–.7

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	FOOD AND KINDRED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	24 552	24 208	23 568	23 599	23 611	23 541	23 621	24 527	25 054	25 905	25 943	25 306
1988	25 387	25 280	24 729	24 810	24 652	24 888	25 190	26 399	26 574	27 639	27 914	27 622
1989	27 694	27 339	26 725	27 154	26 450	26 281	27 096	28 201	28 602	29 349	29 480	28 928
1990	28 959	28 737	28 217	28 181	27 978	27 701	28 549	29 767	30 402	31 427	31 305	30 185
1991	30 509	30 154	29 299	29 318	28 499	28 170	28 468	29 527	30 443	31 560	31 489	30 532
1992	30 446	30 279	29 804	29 254	29 299	29 141	29 897	31 152	31 549	32 839	32 391	31 378
1993	31 664	31 204	30 476	30 347	30 108	29 981	30 475	31 204	31 574	32 703	32 548	31 529
1994	31 750	31 274	31 004	30 873	30 681	30 346	31 362	32 374	33 063	34 405	33 928	32 652
1995	33 318	33 042	32 701	32 252	31 879	31 718	32 385	33 292	34 707	36 225	35 914	34 827
1996	34 951	34 833	34 419	34 358	33 731	33 517	34 109	35 010	36 386	37 569	37 363	35 973
1997	35 821	35 868	35 446	35 279	34 810	34 655	35 011	36 032	37 314	38 792	38 562	37 301
	Seasonally Adjusted—Millions of Dollars											
1987	24 102	24 068	24 075	24 146	24 462	24 759	24 321	24 269	24 740	24 774	24 803	24 860
1988	24 901	25 128	25 254	25 353	25 601	28 200	25 987	28 244	26 229	28 406	26 642	27 122
1989	27 142	27 167	27 230	27 750	27 482	27 651	27 905	27 981	28 083	27 988	28 181	28 459
1990	28 458	28 616	28 782	28 828	29 107	29 125	29 369	29 821	29 874	29 919	29 889	29 714
1991	29 965	30 025	29 845	30 066	29 894	29 650	29 317	29 397	29 893	29 961	30 057	30 099
1992	29 904	30 185	30 341	30 039	30 511	30 604	30 765	31 057	30 916	31 124	30 929	30 996
1993	31 140	31 099	30 976	31 176	31 328	31 457	31 374	31 181	30 928	30 946	31 106	31 201
1994	31 268	31 160	31 435	31 654	31 881	31 790	32 322	32 402	32 346	32 510	32 414	32 332
1995	32 869	32 945	33 153	33 077	33 164	33 263	33 418	33 352	33 897	34 231	34 331	34 527
1996	34 524	34 707	34 642	35 154	35 028	35 084	35 198	35 175	35 496	35 573	35 756	35 697
1997	35 422	35 737	35 866	36 038	36 097	36 248	36 136	36 179	38 331	36 742	36 940	37 026
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.9	–.1	–	.3	1.4	1.1	–1.8	–.2	1.9	.1	.1	.2
1988	.2	.9	.5	.4	1.0	2.3	–.8	1.0	–.1	.7	.9	1.8
1989	.1	.1	.2	1.9	–1.0	.6	.9	.3	.4	–.3	.7	1.0
1990	–	.6	.6	.2	1.0	.1	.8	.9	.9	.2	–.1	–.6
1991	.8	.2	–.6	.7	–1.2	–.1	–1.1	.3	1.7	.2	.3	.1
1992	–.6	.9	.6	–1.0	1.6	.3	.5	.9	–.5	.7	–.6	.2
1993	.5	–.1	–.4	.6	.5	.4	–.3	–.7	–.7	.1	.5	.3
1994	.2	–.3	.9	.7	.7	–.3	1.7	.2	–.2	.5	–.3	–.3
1995	1.7	.2	.6	–.2	.3	.3	.5	–.2	1.6	1.0	.3	.6
1996	–	.5	.4	.9	–.4	.2	.3	–.1	.9	.2	.5	–.2
1997	–.8	.9	.4	.5	.2	.4	–.3	.1	.4	1.1	.5	.2
	FOOD AND KINDRED PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 629	8 445	8 304	8 452	8 431	8 321	8 218	8 027	8 344	8 676	8 893	8 988
1988	9 090	9 012	8 983	9 119	9 164	9 256	8 919	9 131	9 267	9 850	10 026	9 927
1989	10 050	9 709	9 622	9 727	9 294	9 106	9 103	9 085	8 940	9 466	9 810	9 815
1990	9 769	9 691	9 635	9 638	9 551	9 367	9 442	9 531	9 474	10 175	10 436	10 036
1991	10 191	9 960	9 947	10 058	9 907	9 831	9 907	9 721	9 807	10 298	10 287	10 428
1992	10 539	10 547	10 559	10 533	10 379	10 219	10 241	10 130	9 986	10 707	10 677	10 653
1993	10 787	10 493	10 440	10 551	10 348	10 511	10 350	10 248	10 146	10 742	10 800	10 896
1994	10 979	10 666	10 748	10 706	10 553	10 662	10 517	10 557	10 761	11 549	11 505	11 262
1995	11 410	11 269	11 235	10 953	10 800	10 958	10 955	10 908	11 138	11 775	11 816	11 720
1996	11 795	11 692	11 588	11 603	11 359	11 051	11 100	10 935	10 980	11 706	11 577	11 417
1997	11 453	11 466	11 296	11 103	10 859	10 858	10 704	10 585	10 775	11 405	10 937	11 083
	Seasonally Adjusted—Millions of Dollars											
1987	8 294	8 274	8 287	8 381	8 520	8 538	8 473	8 306	8 742	8 547	8 621	8 706
1988	8 755	8 871	8 970	9 044	9 269	9 518	9 205	9 453	9 671	9 690	9 675	9 628
1989	9 699	9 575	9 584	9 649	9 379	9 348	9 368	9 389	9 313	9 313	9 477	9 549
1990	9 464	9 586	9 592	9 571	9 651	9 599	9 691	9 861	9 877	9 996	10 082	9 773
1991	9 875	9 852	9 889	10 010	10 044	10 078	10 172	10 029	10 198	10 079	9 952	10 175
1992	10 217	10 443	10 500	10 515	10 549	10 441	10 504	10 457	10 349	10 456	10 351	10 410
1993	10 462	10 383	10 370	10 549	10 530	10 723	10 627	10 585	10 482	10 455	10 493	10 675
1994	10 663	10 540	10 659	10 701	10 750	10 858	10 813	10 916	11 075	11 204	11 186	11 040
1995	11 101	11 125	11 145	10 966	11 027	11 175	11 279	11 271	11 434	11 409	11 512	11 520
1996	11 506	11 517	11 472	11 598	11 574	11 244	11 415	11 320	11 262	11 374	11 332	11 251
1997	11 194	11 275	11 163	11 067	11 023	11 037	10 987	10 953	11 049	11 099	10 758	10 943
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.0	–.2	.2	1.1	1.7	.2	–.8	–2.0	5.2	–2.2	.9	1.0
1988	.6	1.3	1.1	.8	2.5	2.7	–3.3	2.7	2.3	.2	–.2	–.5
1989	.7	–1.3	.1	.7	–2.8	–.3	.2	.2	–.8	–	1.8	.8
1990	–.9	1.3	.1	–.2	.8	–.5	1.0	1.8	.2	1.2	.9	–3.1
1991	1.0	–.2	.4	1.2	.3	.3	.9	–1.4	1.7	–1.2	–1.3	2.2
1992	.4	2.2	.5	.1	.3	–1.0	.6	–.4	–1.0	1.0	–1.0	.6
1993	.5	–.8	–.1	1.7	–.2	1.8	–.9	–.4	–1.0	–.3	.4	1.7
1994	–.1	–1.2	1.1	.4	.5	1.0	–.4	1.0	1.5	1.2	–.2	–1.3
1995	.6	.2	.2	–1.6	.8	1.3	.9	–.1	1.4	–.2	.9	.1
1996	–.1	.1	–.4	1.1	–.2	–2.9	1.5	–.8	–.5	1.0	–.4	–.7
1997	–.5	.7	–1.0	–.9	–.4	.1	–.5	–.3	.9	.5	–3.1	1.7

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	FOOD AND KINDRED PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 752	2 771	2 771	2 749	2 766	2 842	2 798	2 902	2 894	3 001	2 996	2 931
1988	3 073	2 975	2 965	3 028	2 953	3 045	3 129	3 078	3 284	3 505	3 393	3 283
1989	3 349	3 282	3 347	3 311	3 143	3 140	3 209	3 155	3 279	3 552	3 440	3 378
1990	3 385	3 364	3 433	3 403	3 338	3 343	3 344	3 268	3 531	3 950	3 865	3 820
1991	3 750	3 720	3 674	3 605	3 537	3 500	3 548	3 520	3 859	4 095	4 077	3 987
1992	3 977	3 898	3 729	3 666	3 539	3 533	3 588	3 624	3 936	4 304	4 166	4 096
1993	4 052	3 946	3 922	3 776	3 644	3 702	3 738	3 697	4 066	4 533	4 528	4 441
1994	4 410	4 142	4 166	4 036	3 900	3 985	4 034	3 907	4 420	4 891	4 634	4 538
1995	4 454	4 154	4 320	4 205	4 019	4 181	4 238	4 188	4 841	5 428	5 163	5 108
1996	5 101	4 884	4 898	4 745	4 558	4 740	4 587	4 892	5 561	6 089	5 928	5 608
1997	5 599	5 425	5 256	5 092	5 053	5 006	5 027	5 365	5 988	8 672	6 628	8 318
	Seasonally Adjusted—Millions of Dollars											
1987	2 688	2 735	2 733	2 761	2 848	2 940	2 859	2 974	2 902	2 884	2 912	2 911
1988	3 001	2 945	2 929	3 044	3 058	3 170	3 222	3 202	3 288	3 316	3 259	3 235
1989	3 258	3 252	3 311	3 336	3 271	3 285	3 327	3 317	3 279	3 319	3 279	3 295
1990	3 290	3 335	3 406	3 451	3 500	3 521	3 497	3 476	3 533	3 647	3 640	3 683
1991	3 623	3 685	3 654	3 688	3 750	3 722	3 748	3 766	3 840	3 735	3 801	3 802
1992	3 826	3 863	3 725	3 791	3 792	3 779	3 816	3 896	3 891	3 885	3 852	3 878
1993	3 877	3 921	3 932	3 934	3 947	3 983	4 006	3 982	3 984	4 044	4 183	4 185
1994	4 210	4 127	4 192	4 231	4 260	4 309	4 356	4 206	4 293	4 313	4 227	4 262
1995	4 246	4 156	4 377	4 443	4 425	4 550	4 613	4 489	4 663	4 747	4 679	4 789
1996	4 870	4 892	4 993	5 039	5 022	5 173	5 028	5 232	5 327	5 308	5 345	5 250
1997	5 352	5 439	5 392	5 428	5 563	5 479	5 545	5 711	5 704	5 800	5 950	5 910
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–	1.7	–.1	1.0	3.2	3.2	–2.8	4.0	–2.4	–.6	1.0	–
1988	3.1	–1.9	–.5	3.9	.5	3.7	1.6	–.6	2.7	.9	–1.7	–.7
1989	.7	–.2	1.8	.8	–1.9	.4	1.3	–.3	–1.1	1.2	–1.2	.5
1990	–.2	1.4	2.1	1.3	1.4	.6	–.7	–.6	1.6	3.2	–.2	1.2
1991	–1.6	1.7	–.8	.9	1.7	–.7	.7	.5	2.0	–2.7	1.8	–
1992	.6	1.0	–3.6	1.8	–	–.3	1.0	2.1	–.1	–.2	–.8	.8
1993	–	1.1	.3	.1	.3	.9	.6	–.6	.1	1.5	2.9	.5
1994	.6	–2.0	1.6	.9	.7	1.2	1.1	–3.4	2.1	.5	–2.0	.8
1995	–.4	–2.1	5.3	1.5	–.4	2.8	1.4	–2.7	3.9	1.8	–1.4	2.4
1996	1.7	.5	2.1	.9	–.3	3.0	–2.8	4.1	1.8	–.4	.7	–1.8
1997	1.9	1.6	–.9	.7	2.5	–1.5	1.2	3.0	–.1	1.7	2.6	–.7
	FOOD AND KINDRED PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	13 171	12 992	12 493	12 398	12 414	12 378	12 605	13 598	13 816	14 228	14 054	13 387
1988	13 224	13 293	12 781	12 663	12 535	12 587	13 142	14 190	14 023	14 284	14 495	14 412
1989	14 295	14 348	13 756	14 118	14 013	14 035	14 784	15 961	16 383	16 331	16 230	15 735
1990	15 805	15 682	15 149	15 120	15 089	14 991	15 763	16 968	17 397	17 302	17 004	16 329
1991	16 568	16 474	15 678	15 655	15 055	14 839	15 011	16 286	16 777	17 167	17 125	16 117
1992	15 930	15 834	15 516	15 055	15 381	15 389	16 070	17 398	17 627	17 828	17 548	16 627
1993	16 825	16 765	16 114	16 020	16 116	15 768	16 387	17 259	17 362	17 428	17 220	18 192
1994	16 361	16 466	16 092	16 131	16 228	15 699	16 811	17 910	17 882	17 965	17 789	16 852
1995	17 454	17 619	17 146	17 094	17 060	16 579	17 192	18 198	18 728	19 022	18 935	17 999
1996	18 055	18 257	17 933	18 010	17 816	17 726	18 422	19 183	19 845	19 774	19 858	18 948
1997	18 769	18 977	18 894	19 084	18 898	18 791	19 280	20 082	20 551	20 715	20 997	19 902
	Seasonally Adjusted—Millions of Dollars											
1987	13 120	13 059	13 055	13 004	13 114	13 281	12 989	12 989	13 096	13 343	13 270	13 243
1988	13 145	13 312	13 355	13 265	13 274	13 514	13 560	13 589	13 270	13 400	13 708	14 259
1989	14 185	14 340	14 335	14 765	14 832	15 018	15 210	15 275	15 491	15 356	15 425	15 615
1990	15 704	15 695	15 784	15 806	15 956	16 005	16 181	16 284	16 464	16 276	16 167	16 258
1991	16 467	16 488	16 302	16 368	15 900	15 850	15 397	15 602	15 855	16 147	16 304	16 122
1992	15 861	15 859	16 116	15 733	16 170	16 384	16 445	16 704	16 676	16 783	16 726	16 710
1993	16 801	16 795	16 674	16 693	16 849	16 751	16 741	16 594	16 462	16 447	16 450	16 341
1994	16 395	16 493	16 584	16 722	16 871	16 623	17 153	17 280	16 978	16 993	17 001	17 030
1995	17 522	17 664	17 631	17 668	17 712	17 538	17 524	17 592	17 800	18 075	18 140	18 218
1996	18 148	18 298	18 377	18 517	18 432	18 667	18 755	18 623	18 907	18 891	19 079	19 196
1997	18 876	19 023	19 311	19 543	19 511	19 732	19 604	19 515	19 578	19 843	20 232	20 173
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.0	–.5	–	–.4	.8	1.3	–2.2	–	.8	1.9	–.5	–.2
1988	–.7	1.3	.3	–.7	.1	1.8	.3	.2	–2.3	1.0	2.3	4.0
1989	–.5	1.1	–	3.0	.5	1.3	1.3	.4	1.4	–.9	.4	1.2
1990	.6	–.1	.6	.1	.9	.3	1.1	.6	1.1	–1.1	–.7	.6
1991	1.3	.1	–1.1	.4	–2.9	–.3	–2.9	1.3	1.6	1.8	1.0	–1.1
1992	–1.6	–	1.6	–2.4	2.8	1.3	.4	1.6	–.2	.6	–.3	–.1
1993	.5	–	–.7	.1	.9	–.6	–.1	–.9	–.8	–.1	–	–.7
1994	.3	.6	.6	.8	.9	–1.5	3.2	.7	–1.7	.1	–	.2
1995	2.9	.8	–.2	.2	.2	–1.0	–.1	.4	1.2	1.5	.4	.4
1996	–.4	.8	.4	.8	–.5	1.3	.5	–.7	1.5	–.1	1.0	.6
1997	–1.7	.8	1.5	1.2	–.2	1.1	–.6	–.5	.3	1.4	2.0	–.3

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	TOBACCO PRODUCTS—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 825	5 743	5 616	5 566	5 456	5 281	5 169	5 194	5 326	5 419	5 362	5 562
1988	5 729	5 636	5 501	5 451	5 186	4 996	4 945	5 069	5 202	5 474	5 337	5 475
1989	5 385	5 426	5 257	5 270	5 126	5 023	5 080	5 211	5 354	5 601	5 579	5 734
1990	6 153	6 183	5 901	5 844	5 544	5 436	5 374	5 609	5 756	5 912	5 727	6 121
1991	6 627	6 622	6 276	6 468	6 091	5 909	6 077	6 193	6 213	6 436	6 154	6 504
1992	6 916	6 902	6 513	6 706	6 545	5 994	6 239	6 604	6 449	6 808	6 606	6 871
1993	7 138	7 133	6 865	6 734	6 567	6 460	6 378	8 536	6 640	6 692	6 617	6 575
1994	6 477	6 316	6 257	6 092	5 916	5 727	5 630	5 598	5 723	5 755	5 772	6 063
1995	6 125	6 186	5 699	5 554	5 322	5 188	5 212	5 472	5 826	5 878	5 775	6 100
1996	6 241	6 170	5 797	5 572	5 377	5 224	5 077	5 326	5 593	5 868	5 987	6 256
1997	6 324	6 247	5 849	5 795	5 595	5 370	5 349	5 479	5 553	5 890	6 018	6 149
	Seasonally Adjusted—Millions of Dollars											
1987	5 423	5 418	5 462	5 474	5 573	5 639	5 587	5 536	5 455	5 342	5 338	5 331
1988	5 325	5 315	5 370	5 362	5 314	5 320	5 311	5 348	5 328	5 407	5 339	5 286
1989	4 998	5 108	5 151	5 177	5 269	5 349	5 425	5 444	5 479	5 533	5 607	5 570
1990	5 707	5 810	5 805	5 740	5 711	5 791	5 710	5 817	5 885	5 839	5 771	5 974
1991	6 157	6 207	6 184	6 360	6 277	6 298	6 446	8 404	6 345	6 360	6 198	6 342
1992	6 437	6 453	6 426	6 621	6 754	6 390	6 619	6 831	6 578	6 733	6 633	6 668
1993	6 650	6 651	6 770	6 684	6 787	6 897	6 795	6 785	6 770	6 613	6 608	6 322
1994	6 031	5 879	6 170	6 088	8 131	6 124	6 033	5 841	5 835	5 680	5 720	5 782
1995	5 691	5 749	5 617	5 580	5 530	5 559	5 621	5 742	5 944	5 800	5 686	5 775
1996	5 776	5 725	5 716	5 612	5 604	5 616	5 502	5 608	5 713	5 783	5 871	5 904
1997	5 829	5 796	5 770	5 835	5 836	5 790	5 814	5 779	5 680	5 798	5 890	5 797
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.5	–.1	.8	.2	1.8	1.2	–.9	–.9	–1.5	–2.1	–.1	–.1
1988	–.1	–.2	1.0	–.1	–.9	.1	–.2	.7	–.4	1.5	–1.3	–1.0
1989	–5.4	2.2	.8	.5	1.8	1.5	1.4	.4	.6	1.0	1.3	–.7
1990	2.5	1.8	–.1	–1.1	–.5	1.4	–1.4	1.9	1.2	–.8	–1.2	3.5
1991	3.1	.8	–.4	2.8	–1.3	.3	2.3	–.7	–.9	.2	–2.5	2.3
1992	1.5	.2	–.4	3.0	2.0	–5.4	3.6	3.2	–3.7	2.4	–1.5	.5
1993	–.3	–	1.8	–1.3	1.5	1.6	–1.5	–.1	–.2	–2.3	–.1	–4.3
1994	–4.6	–2.5	4.9	–1.3	.7	–.1	–1.5	–3.2	–.1	–2.7	.7	1.1
1995	–1.6	1.0	–2.3	–.7	–.9	.5	1.1	2.2	3.5	–2.4	–2.0	1.6
1996	–	–.9	–.2	–1.8	–.1	.2	–2.0	1.9	1.9	1.2	1.5	.6
1997	–1.3	–.8	–.4	1.1	–	–.8	.4	–.6	–1.7	2.1	1.6	–1.6
	TOBACCO PRODUCTS—MATERIAL AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 803	4 697	4 616	4 528	4 514	4 409	4 248	4 229	4 412	4 304	4 304	4 692
1988	4 671	4 495	4 396	4 246	4 113	3 952	3 867	3 901	4 032	4 131	4 110	4 491
1989	4 217	4 178	4 091	4 029	3 995	3 887	3 848	3 962	4 172	4 289	4 388	4 811
1990	4 868	4 719	4 638	4 556	4 412	4 211	4 183	4 264	4 365	4 419	4 583	4 923
1991	4 987	4 841	4 814	4 735	4 644	4 512	4 515	4 618	4 713	4 716	4 719	5 343
1992	5 372	5 248	5 119	4 987	4 883	4 852	4 892	4 913	5 172	5 063	5 025	5 569
1993	5 600	5 475	5 357	5 221	5 103	4 973	4 910	4 998	5 154	5 135	5 153	5 448
1994	5 396	5 288	5 231	5 081	4 917	4 754	4 636	4 633	4 606	4 511	4 427	4 919
1995	4 948	4 931	4 782	4 784	4 619	4 480	4 498	4 600	4 723	4 700	4 672	5 155
1996	5 258	5 221	5 048	4 860	4 712	4 591	4 494	4 689	4 770	4 782	4 730	5 300
1997	5 304	5 274	5 121	5 117	4 945	4 808	4 753	4 839	4 878	5 025	4 988	5 283
	Seasonally Adjusted—Millions of Dollars											
1987	4 429	4 452	4 484	4 510	4 585	4 675	4 601	4 542	4 523	4 376	4 331	4 301
1988	4 296	4 270	4 272	4 228	4 171	4 165	4 163	4 161	4 144	4 238	4 164	4 113
1989	3 869	3 976	3 975	4 008	4 059	4 108	4 129	4 193	4 285	4 378	4 451	4 455
1990	4 469	4 500	4 523	4 541	4 499	4 465	4 472	4 487	4 465	4 506	4 648	4 539
1991	4 581	4 627	4 690	4 737	4 734	4 784	4 812	4 823	4 820	4 830	4 825	4 987
1992	4 955	4 987	4 980	4 962	4 977	5 141	5 163	5 141	5 318	5 182	5 140	5 223
1993	5 183	5 194	5 201	5 172	5 192	5 237	5 152	5 185	5 314	5 268	5 307	5 140
1994	5 018	4 979	5 088	5 016	5 007	4 995	4 873	4 791	4 751	4 639	4 600	4 638
1995	4 609	4 657	4 649	4 732	4 717	4 709	4 756	4 762	4 868	4 819	4 804	4 858
1996	4 896	4 915	4 925	4 814	4 822	4 839	4 775	4 871	4 888	4 884	4 876	4 994
1997	4 941	4 977	5 001	5 072	5 064	5 080	5 051	5 022	4 987	5 087	5 097	4 994
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.3	.5	.7	.6	1.7	2.0	–1.6	–1.3	–.4	–3.3	–1.0	–.7
1988	–.1	–.6	–	–1.0	–1.3	–.1	–	–	–.4	2.3	–1.7	–1.2
1989	–5.9	2.8	–	.8	1.3	1.2	.5	1.6	2.2	2.2	1.7	.1
1990	.3	.7	.5	.4	–.9	–.8	.2	.3	–.5	.9	3.2	–2.3
1991	.9	1.0	1.4	1.0	–.1	1.1	.6	.2	–.1	.2	–.1	3.4
1992	–.6	.8	–.1	–.4	.3	3.3	.4	–.4	3.4	–2.6	–.8	1.6
1993	–.8	.2	.1	–.6	.4	.9	–1.6	.6	2.5	–.9	.7	–3.1
1994	–2.4	–.8	2.2	–1.4	–.2	–.2	–2.4	–1.7	–.8	–2.4	–.8	.8
1995	–.6	1.0	–.2	1.8	–.3	–.2	1.0	.1	2.2	–1.0	–.3	1.1
1996	.8	.4	.2	–2.3	.2	.4	–1.3	2.0	.3	–.1	–.2	2.4
1997	–1.1	.7	.5	1.4	–.2	.3	–.6	–.6	–.7	2.0	.2	–2.0

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	TOBACCO PRODUCTS—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	98	111	91	80	82	69	87	67	99	139	139	130
1988	146	136	117	124	136	125	118	138	184	230	202	141
1989	190	167	142	127	124	106	109	124	162	187	174	122
1990	148	111	88	83	81	71	71	72	97	136	111	100
1991	74	84	80	69	70	68	75	99	135	183	191	97
1992	138	139	130	89	73	70	68	68	118	149	168	121
1993	144	135	120	119	128	128	127	138	202	237	269	174
1994	197	193	185	184	158	158	160	184	287	346	417	227
1995	265	259	202	178	171	170	205	292	351	284	335	213
1996	228	179	158	139	135	124	131	147	172	239	290	246
1997	150	151	141	112	112	105	112	112	106	108	107	91
	Seasonally Adjusted—Millions of Dollars											
1987	92	109	108	96	102	93	92	84	87	88	102	122
1988	135	133	137	151	170	169	161	169	161	149	147	135
1989	174	162	163	156	157	145	149	151	141	123	125	120
1990	134	107	99	103	103	98	97	87	84	91	78	98
1991	67	81	90	86	90	95	102	122	118	126	130	97
1992	125	134	144	111	93	97	90	83	102	106	112	119
1993	132	131	133	146	161	174	162	165	175	173	182	174
1994	182	187	206	225	195	208	198	212	250	262	291	232
1995	247	253	221	215	209	220	248	322	312	221	241	221
1996	213	174	169	165	162	154	152	155	156	192	222	255
1997	141	146	146	130	131	127	126	114	100	89	87	94
	Seasonally Adjusted—Percent Change From Previous Period											
1987	-25.8	18.5	-.9	-11.1	6.3	-8.8	-1.1	-8.7	3.6	1.1	15.9	19.8
1988	10.7	-1.5	3.0	10.2	12.6	-.6	-4.7	5.0	-4.7	-7.5	-1.3	-8.2
1989	28.9	-6.9	.6	-4.3	.6	-7.6	2.8	1.3	-6.6	-12.8	1.6	-4.0
1990	11.7	-20.1	-7.5	4.0	-	-4.9	-1.0	-10.3	-3.4	8.3	-14.3	25.6
1991	-31.6	20.9	11.1	-4.4	4.7	5.6	7.4	19.6	-4.9	8.6	3.2	-25.4
1992	28.9	7.2	7.5	-22.9	-16.2	4.3	-7.2	-7.8	22.9	3.9	5.7	6.3
1993	10.9	-.8	1.5	9.8	10.3	8.1	-6.9	1.9	6.1	-1.1	5.2	-4.4
1994	4.6	2.7	10.2	9.2	-13.3	6.7	-4.8	7.1	17.9	4.8	11.1	-20.3
1995	6.5	2.4	-12.6	-2.7	-2.8	5.3	11.8	30.9	-3.1	-29.2	9.0	-8.3
1996	-3.6	-18.3	-2.9	-2.4	-1.8	-4.9	-1.3	2.0	.6	23.1	15.6	14.9
1997	-44.7	3.5	-	-11.0	.8	-3.1	-.8	-9.5	-12.3	-11.0	-2.2	8.0
	TOBACCO PRODUCTS—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	924	935	909	958	860	803	854	898	815	976	919	740
1988	912	1 005	988	1 081	937	919	960	1 030	986	1 113	1 025	843
1989	978	1 081	1 024	1 114	1 007	1 030	1 123	1 125	1 020	1 125	1 017	801
1990	1 137	1 353	1 175	1 205	1 051	1 154	1 120	1 273	1 294	1 357	1 033	1 098
1991	1 568	1 697	1 382	1 664	1 377	1 329	1 487	1 478	1 365	1 537	1 244	1 064
1992	1 406	1 515	1 264	1 630	1 589	1 072	1 279	1 623	1 159	1 596	1 415	1 181
1993	1 394	1 523	1 388	1 394	1 336	1 359	1 341	1 400	1 284	1 320	1 195	953
1994	884	835	841	827	843	817	834	781	830	898	928	917
1995	912	998	715	592	532	538	509	580	752	894	768	732
1996	755	770	591	573	530	509	452	490	651	847	967	710
1997	870	822	587	566	538	457	484	528	569	757	923	775
	Seasonally Adjusted—Millions of Dollars											
1987	902	857	870	868	886	871	894	910	845	878	905	908
1988	894	912	961	983	973	986	987	1 018	1 023	1 020	1 028	1 038
1989	955	970	1 013	1 013	1 053	1 096	1 147	1 100	1 053	1 032	1 031	995
1990	1 104	1 203	1 183	1 096	1 109	1 228	1 141	1 243	1 336	1 242	1 045	1 337
1991	1 509	1 499	1 404	1 537	1 453	1 419	1 532	1 459	1 409	1 404	1 243	1 258
1992	1 357	1 332	1 302	1 548	1 684	1 152	1 366	1 607	1 158	1 445	1 381	1 326
1993	1 335	1 326	1 436	1 366	1 434	1 486	1 481	1 435	1 281	1 172	1 119	1 008
1994	831	713	876	847	929	921	962	838	834	779	829	912
1995	835	839	747	633	604	630	619	658	764	760	641	696
1996	667	636	622	633	620	623	575	582	669	707	773	655
1997	747	673	623	633	641	583	637	643	593	622	706	709
	Seasonally Adjusted—Percent Change From Previous Period											
1987	7.6	-5.0	1.5	-.2	2.1	-1.7	2.6	1.8	-7.1	3.9	3.1	.3
1988	-1.5	2.0	5.4	2.3	-1.0	1.3	.1	3.1	.5	-.3	.8	1.0
1989	-8.0	1.6	4.4	-	3.9	4.1	4.7	-4.1	-4.3	-2.0	-.1	-3.5
1990	11.0	9.0	-1.7	-7.4	1.2	10.7	-7.1	8.9	7.5	-7.0	-15.9	27.9
1991	12.9	-.7	-6.3	9.5	-5.5	-2.3	8.0	-4.8	-3.4	-.4	-11.5	1.2
1992	7.9	-1.8	-2.3	18.9	8.8	-31.6	18.6	17.6	-27.9	24.8	-4.4	-4.0
1993	.7	-.7	8.3	-4.9	5.0	3.6	-.3	-3.1	-10.7	-8.5	-4.5	-9.9
1994	-17.6	-14.2	22.9	-3.3	9.7	-.9	4.5	-12.9	-.5	-6.6	6.4	10.0
1995	-8.4	.5	-11.0	-15.3	-4.6	4.3	-1.7	6.3	16.1	-.5	-15.7	8.6
1996	-4.2	-4.6	-2.2	1.8	-2.1	.5	-7.7	1.2	14.9	5.7	9.3	-15.3
1997	14.0	-9.9	-7.4	1.6	1.3	-9.0	9.3	.9	-7.8	4.9	13.5	.4

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	TEXTILE MILL PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 173	7 465	7 656	7 731	7 733	7 677	7 695	7 831	7 671	7 675	7 704	7 643
1988	7 942	8 062	8 145	8 337	8 418	8 401	8 499	8 403	8 066	8 085	8 148	8 049
1989	8 311	8 406	8 305	8 570	8 740	8 617	8 768	8 758	8 504	8 483	8 360	8 349
1990	8 659	8 897	8 924	9 110	9 189	8 936	9 001	8 918	8 777	8 712	8 542	8 339
1991	8 676	8 783	8 580	8 682	8 736	8 496	8 600	8 496	8 437	8 394	8 184	8 085
1992	8 483	8 649	8 580	8 705	8 866	8 729	8 892	8 853	8 670	8 596	8 486	8 297
1993	8 693	8 844	8 832	9 099	9 271	9 019	9 092	9 022	8 883	8 874	8 936	8 821
1994	9 423	9 623	9 580	9 788	9 891	9 655	9 770	9 653	9 414	9 463	9 520	9 346
1995	9 816	10 041	10 081	10 369	10 522	10 327	10 413	10 330	10 088	10 101	10 122	9 841
1996	10 206	10 344	10 150	10 314	10 319	9 995	10 043	10 030	9 707	9 697	9 734	9 479
1997	9 943	10 046	10 008	10 325	10 370	10 181	10 264	10 269	9 997	10 002	9 927	9 743
	Seasonally Adjusted—Millions of Dollars											
1987	7 247	7 423	7 569	7 551	7 514	7 545	7 563	7 772	7 791	7 862	7 927	7 939
1988	8 014	8 004	8 069	8 137	8 175	8 279	8 343	8 328	8 187	8 277	8 387	8 384
1989	8 374	8 334	8 246	8 370	8 482	8 506	8 593	8 666	8 623	8 673	8 606	8 721
1990	8 717	8 807	8 881	8 906	8 907	8 834	8 817	8 818	8 890	8 894	8 798	8 732
1991	8 730	8 680	8 545	8 488	8 462	8 406	8 427	8 409	8 548	8 566	8 425	8 484
1992	8 526	8 533	8 537	8 499	8 578	8 640	8 718	8 771	8 810	8 784	8 732	8 710
1993	8 730	8 716	8 784	8 872	8 963	8 928	8 921	8 943	9 042	9 076	9 180	9 264
1994	9 461	9 486	9 526	9 532	9 563	9 561	9 602	9 576	9 599	9 677	9 756	9 804
1995	9 843	9 897	10 026	10 094	10 180	10 237	10 251	10 250	10 298	10 324	10 347	10 308
1996	10 226	10 202	10 102	10 042	9 992	9 916	9 899	9 948	9 908	9 907	9 941	9 915
1997	9 956	9 911	9 967	10 060	10 048	10 105	10 121	10 178	10 197	10 213	10 138	10 184
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.8	2.4	2.0	–.2	–.5	.4	.2	2.8	.2	.9	.8	.2
1988	.9	–.1	.8	.8	.5	1.3	.8	–.2	–1.7	1.1	1.3	–
1989	–.1	–.5	–1.1	1.5	1.3	.3	1.0	.8	–.5	.6	–.8	1.3
1990	–	1.0	.8	.3	–	–.8	–.2	–	.8	–	–1.1	–.8
1991	–	–.6	–1.6	–.7	–.3	–.7	.2	–.2	1.7	.2	–1.6	.7
1992	.5	.1	–	–.4	.9	.7	.9	.6	.4	–.3	–.6	–.3
1993	.2	–.2	.8	1.0	1.0	–.4	–.1	.2	1.1	.4	1.1	.9
1994	2.1	.3	.4	.1	.3	–	.4	–.3	.2	.8	.8	.5
1995	.4	.5	1.3	.7	.9	.6	.1	–	.5	.3	.2	–.4
1996	–.8	–.2	–1.0	–.6	–.5	–.8	–.2	.5	–.4	–	.3	–.3
1997	.4	–.5	.6	.9	–.1	.6	.2	.6	.2	.2	–.7	.5
	TEXTILE MILL PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 013	2 151	2 147	2 203	2 229	2 178	2 194	2 226	2 240	2 210	2 236	2 284
1988	2 374	2 416	2 471	2 515	2 503	2 451	2 508	2 418	2 365	2 276	2 296	2 372
1989	2 299	2 359	2 347	2 427	2 510	2 484	2 581	2 549	2 451	2 436	2 396	2 472
1990	2 524	2 552	2 545	2 667	2 611	2 571	2 581	2 539	2 513	2 462	2 439	2 478
1991	2 596	2 607	2 549	2 522	2 535	2 491	2 541	2 486	2 435	2 468	2 442	2 526
1992	2 627	2 647	2 627	2 650	2 659	2 658	2 754	2 633	2 573	2 482	2 429	2 509
1993	2 513	2 572	2 532	2 483	2 600	2 566	2 594	2 546	2 504	2 501	2 513	2 561
1994	2 603	2 661	2 739	2 758	2 837	2 780	2 859	2 817	2 761	2 770	2 847	2 888
1995	2 942	2 948	2 974	3 063	3 126	3 093	3 105	3 036	2 980	2 944	2 968	2 979
1996	3 010	3 056	2 936	2 965	2 996	2 908	2 934	2 895	2 812	2 862	2 908	2 937
1997	3 030	3 119	3 152	3 173	3 122	3 058	3 085	3 054	2 990	2 929	2 881	2 915
	Seasonally Adjusted—Millions of Dollars											
1987	2 029	2 122	2 104	2 132	2 149	2 142	2 143	2 222	2 291	2 313	2 350	2 332
1988	2 386	2 384	2 433	2 437	2 419	2 420	2 449	2 413	2 416	2 377	2 405	2 418
1989	2 300	2 328	2 320	2 359	2 435	2 456	2 514	2 541	2 501	2 538	2 503	2 518
1990	2 518	2 516	2 526	2 608	2 540	2 543	2 509	2 528	2 563	2 556	2 544	2 524
1991	2 587	2 568	2 532	2 475	2 473	2 463	2 468	2 476	2 485	2 558	2 541	2 574
1992	2 619	2 606	2 607	2 606	2 593	2 627	2 677	2 624	2 632	2 570	2 520	2 554
1993	2 508	2 532	2 512	2 444	2 533	2 537	2 524	2 540	2 563	2 590	2 598	2 604
1994	2 603	2 623	2 716	2 713	2 760	2 751	2 790	2 814	2 831	2 864	2 933	2 939
1995	2 944	2 904	2 946	3 006	3 037	3 065	3 040	3 036	3 057	3 041	3 050	3 031
1996	3 011	3 014	2 904	2 906	2 910	2 885	2 881	2 896	2 884	2 956	2 990	2 990
1997	3 029	3 075	3 115	3 106	3 033	3 037	3 030	3 055	3 065	3 028	2 970	2 967
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–1.8	4.6	–.8	1.3	.8	–.3	–	3.7	3.1	1.0	1.6	–.8
1988	2.3	–.1	2.1	.2	–.7	–	1.2	–1.5	.1	–1.6	1.2	.5
1989	–4.9	1.2	–.3	1.7	3.2	.9	2.4	1.1	–1.6	1.5	–1.4	.6
1990	–	–.1	.4	3.2	–2.6	.1	–1.3	.8	1.4	–.3	–.5	–.8
1991	2.5	–.7	–1.4	–2.3	–.1	–.4	.2	.3	.4	2.9	–.7	1.3
1992	1.7	–.5	–	–	–.5	1.3	1.9	–2.0	.3	–2.4	–1.9	1.3
1993	–1.8	1.0	–.8	–2.7	3.6	.2	–.5	.6	.9	1.1	.3	.2
1994	–	.8	3.5	–.1	1.7	–.3	1.4	.9	.6	1.2	2.4	.2
1995	.2	–1.4	1.4	2.0	1.0	.9	–.8	–.1	.7	–.5	.3	–.6
1996	–.7	.1	–3.6	.1	.1	–.9	–.1	.5	–.4	2.5	1.2	–
1997	1.3	1.5	1.3	–.3	–2.4	.1	–.2	.8	.3	–1.2	–1.9	–.1

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	TEXTILE MILL PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 210	2 253	2 299	2 277	2 233	2 213	2 225	2 293	2 271	2 256	2 257	2 228
1988	2 325	2 318	2 317	2 338	2 379	2 401	2 430	2 363	2 319	2 378	2 389	2 347
1989	2 413	2 449	2 467	2 483	2 455	2 466	2 518	2 484	2 487	2 478	2 457	2 423
1990	2 485	2 505	2 580	2 510	2 575	2 485	2 520	2 517	2 486	2 477	2 416	2 315
1991	2 410	2 418	2 379	2 408	2 386	2 373	2 423	2 409	2 429	2 400	2 306	2 235
1992	2 288	2 357	2 339	2 370	2 440	2 375	2 397	2 447	2 409	2 392	2 367	2 295
1993	2 386	2 401	2 356	2 448	2 464	2 389	2 418	2 398	2 435	2 405	2 403	2 357
1994	2 491	2 521	2 513	2 514	2 559	2 525	2 625	2 586	2 593	2 601	2 599	2 491
1995	2 676	2 701	2 717	2 743	2 728	2 682	2 749	2 763	2 765	2 712	2 721	2 581
1996	2 720	2 681	2 699	2 715	2 695	2 641	2 655	2 663	2 656	2 617	2 605	2 520
1997	2 605	2 613	2 589	2 671	2 701	2 634	2 683	2 678	2 692	2 738	2 713	2 639
	Seasonally Adjusted—Millions of Dollars											
1987	2 202	2 242	2 273	2 259	2 214	2 221	2 212	2 302	2 284	2 261	2 264	2 292
1988	2 317	2 307	2 295	2 316	2 360	2 405	2 407	2 364	2 324	2 386	2 407	2 425
1989	2 410	2 438	2 448	2 461	2 432	2 467	2 484	2 472	2 484	2 485	2 483	2 515
1990	2 491	2 494	2 567	2 488	2 546	2 485	2 485	2 496	2 472	2 481	2 446	2 410
1991	2 423	2 409	2 373	2 387	2 353	2 374	2 389	2 385	2 410	2 401	2 334	2 338
1992	2 300	2 345	2 333	2 345	2 402	2 380	2 364	2 421	2 391	2 398	2 397	2 404
1993	2 394	2 387	2 352	2 423	2 424	2 397	2 387	2 372	2 415	2 413	2 429	2 470
1994	2 493	2 509	2 508	2 485	2 522	2 538	2 596	2 564	2 573	2 610	2 620	2 608
1995	2 670	2 689	2 710	2 710	2 691	2 701	2 724	2 743	2 748	2 717	2 733	2 694
1996	2 707	2 674	2 693	2 684	2 663	2 664	2 634	2 647	2 641	2 620	2 611	2 623
1997	2 592	2 607	2 587	2 643	2 670	2 657	2 666	2 663	2 678	2 737	2 716	2 739
	Seasonally Adjusted—Percent Change From Previous Period											
1987	5.1	1.8	1.4	–.6	–2.0	.3	–.4	4.1	–.8	–1.0	.1	1.2
1988	1.1	–.4	–.5	.9	1.9	1.9	.1	–1.8	–1.7	2.7	.9	.7
1989	–.6	1.2	.4	.5	–1.2	1.4	.7	–.5	.5	–	–.1	1.3
1990	–1.0	.1	2.9	–3.1	2.3	–2.4	–	.4	–1.0	.4	–1.4	–1.5
1991	.5	–.6	–1.5	.6	–1.4	.9	.6	–.2	1.0	–.4	–2.8	.2
1992	–1.6	2.0	–.5	.5	2.4	–.9	–.7	2.4	–1.2	.3	–	.3
1993	–.4	–.3	–1.5	3.0	–	–1.1	–.4	–.6	1.8	–.1	.7	1.7
1994	.9	.6	–	–.9	1.5	.6	2.3	–1.2	.4	1.4	.4	–.5
1995	2.4	.7	.8	–	–.7	.4	.9	.7	.2	–1.1	.6	–1.4
1996	.5	–1.2	.7	–.3	–.8	–	–1.1	.5	–.2	–.8	–.3	.5
1997	–1.2	.6	–.8	2.2	1.0	–.5	.3	–.1	.6	2.2	–.8	.8
	TEXTILE MILL PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 950	3 061	3 210	3 251	3 271	3 286	3 276	3 312	3 160	3 209	3 211	3 131
1988	3 243	3 328	3 357	3 484	3 536	3 549	3 561	3 622	3 382	3 431	3 463	3 330
1989	3 599	3 598	3 491	3 660	3 775	3 667	3 671	3 725	3 566	3 569	3 507	3 454
1990	3 650	3 840	3 799	3 933	4 003	3 880	3 900	3 862	3 778	3 773	3 687	3 546
1991	3 670	3 758	3 652	3 752	3 815	3 632	3 636	3 601	3 573	3 526	3 436	3 324
1992	3 568	3 645	3 614	3 685	3 767	3 696	3 741	3 773	3 688	3 722	3 690	3 493
1993	3 794	3 871	3 944	4 168	4 207	4 064	4 080	4 078	3 944	3 968	4 020	3 903
1994	4 329	4 441	4 328	4 516	4 495	4 350	4 286	4 250	4 060	4 092	4 074	3 967
1995	4 198	4 394	4 390	4 563	4 668	4 552	4 559	4 531	4 343	4 445	4 433	4 281
1996	4 476	4 607	4 515	4 634	4 628	4 446	4 454	4 472	4 239	4 218	4 221	4 022
1997	4 308	4 314	4 267	4 481	4 547	4 489	4 496	4 537	4 315	4 335	4 333	4 189
	Seasonally Adjusted—Millions of Dollars											
1987	3 016	3 059	3 192	3 160	3 151	3 182	3 208	3 248	3 216	3 288	3 313	3 315
1988	3 311	3 313	3 341	3 384	3 396	3 454	3 487	3 551	3 447	3 514	3 575	3 541
1989	3 664	3 568	3 478	3 550	3 615	3 583	3 595	3 653	3 638	3 650	3 620	3 688
1990	3 708	3 797	3 788	3 810	3 821	3 806	3 823	3 794	3 855	3 857	3 808	3 798
1991	3 720	3 703	3 640	3 626	3 636	3 569	3 570	3 548	3 653	3 607	3 550	3 572
1992	3 607	3 582	3 597	3 548	3 583	3 633	3 677	3 726	3 787	3 816	3 815	3 752
1993	3 828	3 797	3 920	4 005	4 006	3 994	4 010	4 031	4 064	4 073	4 153	4 190
1994	4 365	4 354	4 302	4 334	4 281	4 272	4 216	4 198	4 195	4 203	4 203	4 257
1995	4 229	4 304	4 370	4 378	4 452	4 471	4 487	4 471	4 493	4 566	4 564	4 583
1996	4 508	4 514	4 505	4 452	4 419	4 367	4 384	4 405	4 363	4 331	4 340	4 302
1997	4 335	4 229	4 265	4 311	4 345	4 411	4 425	4 460	4 454	4 448	4 452	4 478
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.4	1.4	4.3	–1.0	–.3	1.0	.8	1.2	–1.0	2.2	.8	.1
1988	–.1	.1	.8	1.3	.4	1.7	1.0	1.8	–2.9	1.9	1.7	–1.0
1989	3.5	–2.6	–2.5	2.1	1.8	–.9	.3	1.6	–.4	.3	–.8	1.9
1990	.5	2.4	–.2	.6	.3	–.4	.4	–.8	1.6	.1	–1.3	–.3
1991	–2.1	–.5	–1.7	–.4	.3	–1.8	–	–.6	3.0	–1.3	–1.6	.6
1992	1.0	–.7	.4	–1.4	1.0	1.4	1.2	1.3	1.6	.8	–	–1.7
1993	2.0	–.8	3.2	2.2	–	–.3	.4	.5	.8	.2	2.0	.9
1994	4.2	–.3	–1.2	.7	–1.2	–.2	–1.3	–.4	–.1	.2	–	1.3
1995	–.7	1.8	1.5	.2	1.7	.4	.4	–.4	.5	1.6	–	.4
1996	–1.6	.1	–.2	–1.2	–.7	–1.2	.4	.5	–.5	–1.2	.2	–.9
1997	.8	–2.4	.9	1.1	.8	1.5	.3	.8	–.1	–.1	.1	.6

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	PAPER AND ALLIED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	10 410	10 608	10 838	10 906	11 014	10 966	10 854	10 867	10 775	10 721	10 836	11 111
1988	11 256	11 331	11 389	11 589	11 642	11 681	11 702	11 787	11 819	11 891	12 180	12 431
1989	12 557	12 600	12 650	12 789	12 944	13 146	13 202	13 237	13 141	13 116	13 226	13 320
1990	13 623	13 671	13 613	13 665	13 675	13 697	13 647	13 416	13 282	13 186	13 328	13 526
1991	13 856	14 042	14 067	14 091	13 923	13 696	13 551	13 228	13 157	13 258	13 490	13 651
1992	13 994	14 023	14 069	14 248	14 276	14 022	14 024	14 012	13 892	13 944	14 083	13 843
1993	14 120	14 217	14 250	14 359	14 311	14 082	14 045	14 100	13 784	13 757	13 765	13 795
1994	13 903	14 131	14 164	14 315	14 360	14 165	14 209	14 256	14 086	14 030	14 169	14 290
1995	14 777	15 158	15 546	15 979	16 228	18 495	16 740	16 831	16 917	17 027	17 031	17 173
1996	17 354	17 512	17 454	17 215	16 888	18 426	16 373	16 433	16 199	16 005	15 928	15 887
1997	15 987	15 993	16 110	16 039	16 059	15 622	15 663	15 760	15 845	15 737	15 845	16 108
	Seasonally Adjusted—Millions of Dollars											
1987	10 394	10 541	10 731	10 714	10 843	10 844	10 845	10 932	10 981	10 975	10 985	11 163
1988	11 214	11 235	11 269	11 391	11 478	11 566	11 684	11 862	12 042	12 186	12 360	12 495
1989	12 492	12 463	12 511	12 571	12 769	13 026	13 181	13 336	13 391	13 438	13 427	13 404
1990	13 528	13 509	13 459	13 424	13 490	13 589	13 630	13 521	13 547	13 491	13 526	13 640
1991	13 759	13 868	13 907	13 828	13 719	13 605	13 541	13 321	13 417	13 543	13 690	13 796
1992	13 895	13 855	13 895	13 971	14 054	13 970	14 019	14 094	14 157	14 223	14 286	14 010
1993	14 046	14 056	14 071	14 081	14 077	14 054	14 049	14 154	14 018	14 009	13 959	13 972
1994	13 858	13 979	13 986	14 050	14 123	14 168	14 226	14 284	14 284	14 268	14 370	14 463
1995	14 749	14 999	15 358	15 706	15 968	18 521	18 772	16 852	17 107	17 308	17 274	17 352
1996	17 307	17 316	17 241	16 943	16 633	16 485	16 429	16 457	16 369	16 257	16 144	18 032
1997	15 926	15 812	15 918	15 797	15 829	15 682	15 728	15 794	16 016	15 982	18 054	16 240
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.4	1.4	1.8	–.2	1.2	–	–	.8	.4	–.1	.1	1.6
1988	.5	.2	.3	1.1	.8	.8	1.0	1.5	1.5	1.2	1.4	1.1
1989	–	–.2	.4	.5	1.8	2.0	1.2	1.2	.4	.4	–.1	–.2
1990	.9	–.1	–.4	–.3	.5	.7	.3	–.8	.2	–.4	.3	.8
1991	.9	.8	.3	–.6	–.8	–.8	–.5	–1.6	.7	.9	1.1	.8
1992	.7	–.3	.3	.5	.6	–.6	.4	.5	.4	.5	.4	–1.9
1993	.3	.1	.1	.1	–	–.2	–	.7	–1.0	–	–.4	.1
1994	–.8	.9	.1	.5	.5	.3	.4	.4	–	–.1	.7	.6
1995	2.0	1.7	2.4	2.3	1.7	3.5	1.5	.5	1.5	1.2	–.2	.5
1996	–.3	.1	–.4	–1.7	–1.8	–.9	–.3	.2	–.5	–.7	–.7	–.7
1997	–.7	–.7	.7	–.8	.2	–.9	.3	.4	1.4	–.2	.5	1.2
	PAPER AND ALLIED PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	5 298	5 474	5 581	5 606	5 589	5 667	5 667	5 688	5 765	5 720	5 708	5 974
1988	5 991	6 036	6 105	6 152	6 186	6 304	8 314	6 409	6 493	6 470	6 540	6 697
1989	6 708	6 683	8 658	6 619	6 663	8 820	6 873	8 905	6 929	6 891	6 956	7 017
1990	7 073	7 058	6 994	7 014	6 986	7 064	6 984	6 862	8 899	6 801	8 928	7 026
1991	7 116	7 083	7 011	6 990	6 855	6 812	6 790	6 635	6 723	6 807	6 797	7 000
1992	7 082	7 024	7 046	7 046	7 063	8 994	7 029	7 019	7 007	7 067	7 060	7 030
1993	7 086	7 062	7 114	7 068	6 993	7 001	7 015	6 958	6 978	6 958	6 896	6 964
1994	6 854	6 869	7 011	6 961	6 973	8 968	7 061	7 171	7 288	7 325	7 383	7 563
1995	7 715	7 961	8 190	8 338	8 502	8 706	8 804	8 879	8 940	8 953	8 934	8 858
1996	8 650	8 672	8 511	8 480	8 226	7 967	7 926	7 980	7 936	7 916	7 845	7 905
1997	7 853	7 878	7 875	7 834	7 787	7 543	7 581	7 597	7 684	7 718	7 691	7 899
	Seasonally Adjusted—Millions of Dollars											
1987	5 283	5 434	5 538	5 568	5 595	5 641	5 685	5 723	5 794	5 802	5 767	5 925
1988	5 960	5 985	6 060	6 113	6 199	8 281	6 331	6 452	6 525	6 562	6 606	6 641
1989	6 658	6 621	6 614	6 587	6 686	6 800	6 893	6 958	6 959	6 973	7 023	6 957
1990	7 001	6 997	6 953	6 984	7 014	7 054	7 002	6 914	6 938	6 860	8 988	6 974
1991	7 041	7 029	6 971	6 965	6 880	6 814	6 809	6 683	6 760	6 847	6 851	6 955
1992	7 009	6 979	6 997	7 019	7 083	7 018	7 048	7 061	7 041	7 092	7 111	6 993
1993	7 036	7 025	7 058	7 039	7 001	7 038	7 041	6 987	7 002	6 970	6 939	6 936
1994	6 832	6 839	6 954	6 931	6 971	7 019	7 097	7 189	7 302	7 334	7 428	7 540
1995	7 715	7 920	8 123	8 286	8 479	8 774	8 860	8 902	8 944	8 968	8 991	8 819
1996	8 650	8 616	8 446	8 427	8 207	8 045	7 995	8 008	7 938	7 924	7 890	7 859
1997	7 845	7 821	7 818	7 778	7 767	7 620	7 654	7 635	7 697	7 727	7 734	7 847
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.2	2.9	1.9	.5	.5	.8	.8	.7	1.2	.1	–.6	2.7
1988	.6	.4	1.3	.9	1.4	1.3	.8	1.9	1.1	.6	.7	.5
1989	.3	–.6	–.1	–.4	1.5	1.7	1.4	.9	–	.2	.7	–.9
1990	.6	–.1	–.6	.4	.4	.8	–.7	–1.3	.3	–1.1	1.9	–.2
1991	1.0	–.2	–.8	–.1	–1.2	–1.0	–.1	–1.9	1.2	1.3	.1	1.5
1992	.8	–.4	.3	.3	.9	–.9	.4	.2	–.3	.7	.3	–1.7
1993	.6	–.2	.5	–.3	–.5	.5	–	–.8	.2	–.5	–.4	–
1994	–1.5	.1	1.7	–.3	.6	.7	1.1	1.3	1.6	.4	1.3	1.5
1995	2.3	2.7	2.6	2.0	2.3	3.5	1.0	.5	.5	.3	.3	–1.9
1996	–1.9	–.4	–2.0	–.2	–2.6	–2.0	–.6	.2	–.9	–.2	–.4	–.4
1997	–.2	–.3	–	–.5	–.1	–1.9	.4	–.2	.8	.4	.1	1.5

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
PAPER AND ALLIED PRODUCTS, TOTAL—WORK-IN-PROCESS												
Not Seasonally Adjusted—Millions of Dollars												
1987	1 180	1 165	1 203	1 204	1 241	1 230	1 205	1 241	1 221	1 206	1 208	1 186
1988	1 208	1 233	1 219	1 263	1 261	1 259	1 325	1 339	1 323	1 310	1 341	1 360
1989	1 375	1 328	1 396	1 433	1 428	1 462	1 490	1 464	1 394	1 435	1 377	1 369
1990	1 379	1 392	1 415	1 411	1 378	1 409	1 421	1 362	1 309	1 314	1 322	1 340
1991	1 310	1 356	1 375	1 328	1 360	1 378	1 346	1 328	1 276	1 256	1 286	1 282
1992	1 314	1 287	1 299	1 300	1 244	1 285	1 330	1 301	1 265	1 248	1 284	1 301
1993	1 328	1 357	1 332	1 358	1 340	1 370	1 369	1 373	1 326	1 264	1 274	1 300
1994	1 301	1 292	1 321	1 344	1 365	1 370	1 366	1 365	1 319	1 305	1 333	1 349
1995	1 425	1 419	1 467	1 523	1 530	1 569	1 618	1 812	1 591	1 577	1 553	1 632
1996	1 697	1 662	1 651	1 636	1 632	1 628	1 631	1 602	1 550	1 488	1 481	1 519
1997	1 532	1 514	1 525	1 531	1 558	1 558	1 557	1 586	1 599	1 553	1 552	1 672
Seasonally Adjusted—Millions of Dollars												
1987	1 198	1 182	1 208	1 202	1 232	1 218	1 178	1 216	1 225	1 219	1 215	1 206
1988	1 225	1 249	1 220	1 254	1 252	1 242	1 289	1 313	1 336	1 333	1 358	1 385
1989	1 392	1 340	1 392	1 416	1 421	1 438	1 445	1 439	1 414	1 469	1 402	1 393
1990	1 392	1 401	1 408	1 390	1 372	1 380	1 377	1 340	1 332	1 353	1 351	1 361
1991	1 319	1 362	1 366	1 306	1 358	1 345	1 305	1 307	1 302	1 300	1 318	1 301
1992	1 315	1 290	1 289	1 278	1 239	1 258	1 295	1 280	1 290	1 296	1 318	1 318
1993	1 325	1 359	1 322	1 335	1 330	1 341	1 335	1 351	1 350	1 316	1 310	1 316
1994	1 294	1 293	1 313	1 323	1 351	1 345	1 335	1 343	1 340	1 360	1 375	1 365
1995	1 412	1 418	1 460	1 502	1 509	1 543	1 580	1 588	1 614	1 643	1 605	1 646
1996	1 676	1 659	1 645	1 620	1 609	1 607	1 600	1 580	1 569	1 546	1 532	1 529
1997	1 510	1 508	1 520	1 520	1 538	1 538	1 528	1 568	1 619	1 611	1 606	1 680
Seasonally Adjusted—Percent Change From Previous Period												
1987	2.0	−1.3	2.2	−.5	2.5	−1.3	−3.1	3.2	.7	−.5	−.3	−.7
1988	1.6	2.0	−2.3	2.8	−.2	−.8	3.8	1.9	1.8	−.2	1.9	2.0
1989	.5	−3.7	3.9	1.7	.4	1.2	.5	−.4	−1.7	3.9	−4.6	−.6
1990	−.1	.6	.5	−1.3	−1.3	.8	−.2	−2.7	−.6	1.6	−.1	.7
1991	−3.1	3.3	.3	−4.4	3.8	−.8	−3.0	.2	−.4	−.2	1.4	−1.3
1992	1.1	−1.9	−.1	−.9	−3.1	1.4	3.1	−1.2	.8	.5	1.7	–
1993	.5	2.8	−2.7	1.0	−.4	.8	−.4	1.2	−.1	−2.5	−.5	.5
1994	−1.7	−.1	1.5	.8	2.1	−.4	−.7	.6	−.2	1.5	1.1	−.7
1995	3.4	.4	3.0	2.9	.5	2.3	2.4	.5	1.6	1.8	−2.3	2.6
1996	1.8	−1.0	−.8	−1.5	−.7	−.1	−.4	−1.3	−.7	−1.5	−.9	−.2
1997	−1.2	−.1	.8	–	1.2	–	−.7	2.5	3.4	−.5	−.3	4.6
PAPER AND ALLIED PRODUCTS, TOTAL—FINISHED GOODS												
Not Seasonally Adjusted—Millions of Dollars												
1987	3 932	3 969	4 054	4 096	4 184	4 069	3 982	3 938	3 789	3 795	3 920	3 951
1988	4 057	4 062	4 065	4 174	4 195	4 118	4 063	4 039	4 003	4 111	4 299	4 374
1989	4 474	4 589	4 596	4 737	4 853	4 864	4 839	4 868	4 818	4 790	4 893	4 934
1990	5 171	5 221	5 204	5 240	5 311	5 224	5 242	5 192	5 074	5 071	5 078	5 160
1991	5 430	5 603	5 681	5 773	5 708	5 508	5 415	5 265	5 158	5 195	5 407	5 369
1992	5 598	5 712	5 724	5 902	5 969	5 743	5 665	5 692	5 620	5 629	5 739	5 512
1993	5 706	5 798	5 804	5 933	5 978	5 711	5 661	5 769	5 480	5 535	5 595	5 531
1994	5 748	5 970	5 832	6 010	6 022	5 827	5 782	5 720	5 479	5 400	5 453	5 378
1995	5 637	5 778	5 889	8 118	6 194	6 220	6 320	6 340	6 386	6 497	6 544	6 683
1996	7 007	7 178	7 292	7 099	7 030	6 831	6 816	6 851	6 713	6 601	6 600	6 463
1997	6 602	6 601	6 710	6 674	6 714	6 521	8 525	6 577	6 562	6 468	6 602	6 537
Seasonally Adjusted—Millions of Dollars												
1987	3 913	3 925	3 985	3 944	4 016	3 987	3 982	3 993	3 962	3 954	4 003	4 032
1988	4 029	4 001	3 989	4 024	4 027	4 043	4 064	4 097	4 181	4 291	4 396	4 469
1989	4 442	4 502	4 505	4 568	4 662	4 788	4 843	4 939	5 018	4 996	5 002	5 054
1990	5 135	5 111	5 098	5 050	5 104	5 155	5 251	5 267	5 277	5 278	5 187	5 305
1991	5 399	5 477	5 570	5 557	5 483	5 446	5 427	5 331	5 355	5 396	5 521	5 540
1992	5 571	5 586	5 609	5 674	5 732	5 696	5 676	5 753	5 826	5 835	5 857	5 699
1993	5 685	5 672	5 691	5 707	5 746	5 675	5 673	5 816	5 664	5 723	5 710	5 720
1994	5 732	5 847	5 719	5 796	5 801	5 804	5 794	5 752	5 642	5 574	5 567	5 558
1995	5 622	5 661	5 775	5 918	5 980	6 204	6 332	6 362	6 549	6 697	6 678	6 887
1996	6 981	7 041	7 150	6 896	6 817	6 833	6 834	6 869	6 862	6 787	6 722	6 644
1997	6 571	6 483	6 580	6 499	6 524	6 524	6 546	6 593	6 700	6 644	6 714	6 713
Seasonally Adjusted—Percent Change From Previous Period												
1987	2.7	.3	1.5	−1.0	1.8	−.7	−.1	.3	−.8	−.2	1.2	.7
1988	−.1	−.7	−.3	.9	.1	.4	.5	.8	2.1	2.6	2.4	1.7
1989	−.8	1.4	.1	1.4	2.1	2.7	1.1	2.0	1.6	−.4	.1	1.0
1990	1.6	−.5	−.3	−.9	1.1	1.0	1.9	.3	.2	–	−1.7	2.3
1991	1.8	1.4	1.7	−.2	−1.3	−.7	−.3	−1.8	.5	.8	2.3	.3
1992	.6	.3	.4	1.2	1.0	−.6	−.4	1.4	1.3	.2	.4	−2.7
1993	−.2	−.2	.3	.3	.7	−1.2	–	2.5	−2.6	1.0	−.2	.2
1994	.2	2.0	−2.2	1.3	.1	.1	−.2	−.7	−1.9	−1.2	−.1	−.2
1995	1.2	.7	2.0	2.5	1.0	3.7	2.1	.5	2.9	2.3	−.3	3.1
1996	1.4	.9	1.5	−3.6	−1.1	.2	–	.5	−.1	−1.1	−1.0	−1.2
1997	−1.1	−1.3	1.5	−1.2	.4	–	.3	.7	1.6	−.8	1.1	–

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	CHEMICALS AND ALLIED PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	25 775	25 953	25 685	25 712	25 587	25 238	25 689	25 526	25 369	25 785	26 120	28 388
1988	27 156	27 787	27 826	27 576	27 654	27 812	28 236	28 395	28 329	28 803	29 200	29 580
1989	30 146	30 765	31 308	31 566	31 714	31 710	31 944	31 930	31 552	31 748	31 864	31 534
1990	31 608	32 189	32 196	32 467	32 472	32 285	32 840	32 507	32 461	33 098	33 552	33 817
1991	34 558	34 828	34 879	34 798	34 524	34 073	34 043	33 917	33 566	33 887	34 347	34 322
1992	34 375	34 903	34 787	34 917	34 793	34 342	34 730	34 994	34 831	35 302	35 448	35 476
1993	36 089	36 168	36 133	36 185	36 271	35 803	35 820	36 061	35 709	35 698	35 795	35 505
1994	35 817	36 442	36 204	36 321	36 396	35 857	36 419	36 274	35 884	36 036	36 339	36 737
1995	37 196	37 967	37 989	38 671	39 295	39 187	39 595	39 667	39 672	39 391	39 263	39 604
1996	39 884	40 420	40 560	40 811	40 697	40 255	40 144	40 191	40 180	40 208	40 283	40 794
1997	41 010	41 849	41 771	42 255	42 375	42 117	42 399	42 353	42 858	43 202	43 922	43 880
	Seasonally Adjusted—Millions of Dollars											
1987	25 696	25 683	25 472	25 483	25 499	25 269	25 568	25 812	25 798	26 040	26 222	28 585
1988	27 023	27 460	27 574	27 318	27 525	27 838	28 112	28 507	28 824	29 107	29 345	29 792
1989	29 967	30 353	30 970	31 261	31 578	31 812	31 890	32 116	32 106	32 070	32 029	31 725
1990	31 417	31 751	31 850	32 143	32 301	32 423	32 830	32 691	33 004	33 417	33 719	34 001
1991	34 360	34 352	34 522	34 454	34 308	34 222	34 051	34 074	34 082	34 180	34 516	34 529
1992	34 240	34 482	34 485	34 585	34 515	34 485	34 749	35 094	35 288	35 812	35 635	35 720
1993	36 021	35 742	35 830	35 848	35 941	35 931	35 845	36 114	36 101	36 027	36 024	35 771
1994	35 827	36 034	35 904	35 982	36 006	35 928	36 429	36 290	36 220	36 404	36 617	37 024
1995	37 245	37 524	37 654	38 289	38 873	39 272	39 632	39 739	40 029	39 823	39 609	39 913
1996	39 985	39 945	40 202	40 377	40 228	40 319	40 157	40 293	40 569	40 670	40 654	41 110
1997	41 105	41 328	41 389	41 778	41 883	42 151	42 365	42 471	43 101	43 673	44 324	44 249
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.2	–.1	–.8	–	.1	–.9	1.2	.2	.7	.9	.7	1.4
1988	1.6	1.6	.4	–.9	.8	1.1	1.0	1.4	1.1	1.0	.8	1.5
1989	.6	1.3	2.0	.9	1.0	.7	.2	.7	–	–.1	–.1	–.9
1990	–1.0	1.1	.3	.9	.5	.4	1.3	–.4	1.0	1.3	.9	.8
1991	1.1	–	.5	–.2	–.4	–.3	–.5	.1	–	.3	1.0	–
1992	–.8	.7	–	.3	–.2	–.1	.8	1.0	.6	.9	.1	.2
1993	.8	–.8	.2	.1	.3	–	–.2	.8	–	–.2	–	–.7
1994	.2	.6	–.4	.2	.1	–.2	1.4	–.4	–.2	.5	.6	1.1
1995	.6	.7	.3	1.7	1.5	1.0	.9	.3	.7	–.5	–.5	.8
1996	.2	–.1	.6	.4	–.4	.2	–.4	.3	.7	.2	–	1.1
1997	–	.5	.1	.9	.3	.6	.5	.3	1.5	1.3	1.5	–.2
	CHEMICALS AND ALLIED PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	9 016	8 897	9 016	8 999	9 009	8 953	9 247	9 101	9 158	9 181	9 168	9 338
1988	9 530	9 815	9 841	9 783	9 691	10 031	10 128	10 175	10 151	10 210	10 248	10 378
1989	10 501	10 742	10 783	10 809	10 833	10 941	10 926	10 945	10 955	10 932	11 010	10 980
1990	10 932	11 168	11 084	11 096	11 173	11 183	11 373	11 397	11 416	11 694	11 627	11 736
1991	11 919	11 879	11 758	11 793	11 712	11 800	11 851	11 859	11 563	11 699	11 577	11 623
1992	11 563	11 554	11 561	11 601	11 541	11 844	11 909	11 857	11 757	11 972	11 844	11 937
1993	12 056	11 855	11 909	12 066	12 180	12 063	12 053	12 016	11 936	11 842	11 969	11 935
1994	11 968	12 043	11 971	12 112	12 215	12 146	12 360	12 312	12 304	12 385	12 396	12 712
1995	12 645	12 735	12 889	13 073	13 258	13 463	13 511	13 458	13 378	13 441	13 569	13 506
1996	13 576	13 579	13 600	13 801	13 907	13 960	13 824	13 690	13 942	13 955	13 947	13 982
1997	14 023	14 250	14 238	14 385	14 397	14 512	14 597	14 503	14 812	14 641	14 647	14 606
	Seasonally Adjusted—Millions of Dollars											
1987	9 002	8 845	9 009	9 013	9 020	8 928	9 124	9 063	9 182	9 225	9 273	9 403
1988	9 517	9 747	9 838	9 797	9 707	9 992	10 005	10 135	10 180	10 249	10 347	10 439
1989	10 488	10 661	10 777	10 830	10 864	10 914	10 825	10 911	11 005	10 948	11 096	11 026
1990	10 919	11 099	11 091	11 107	11 197	11 159	11 287	11 360	11 485	11 702	11 693	11 764
1991	11 904	11 830	11 787	11 805	11 718	11 768	11 759	11 817	11 638	11 691	11 633	11 642
1992	11 563	11 555	11 616	11 609	11 518	11 801	11 804	11 805	11 821	11 970	11 897	11 963
1993	12 077	11 882	11 974	12 063	12 129	11 997	11 940	11 967	11 982	11 852	12 030	11 972
1994	12 013	12 085	12 039	12 094	12 136	12 048	12 242	12 269	12 330	12 427	12 467	12 768
1995	12 704	12 767	12 942	13 041	13 166	13 360	13 400	13 445	13 385	13 503	13 666	13 582
1996	13 655	13 600	13 639	13 752	13 801	13 837	13 714	13 692	13 950	14 032	14 058	14 081
1997	14 099	14 253	14 256	14 325	14 289	14 370	14 471	14 508	14 822	14 715	14 778	14 731
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–.3	–1.7	1.9	–	.1	–1.0	2.2	–.7	1.3	.5	.5	1.4
1988	1.2	2.4	.9	–.4	–.9	2.9	.1	1.3	.4	.7	1.0	.9
1989	.5	1.6	1.1	.5	.3	.5	–.8	.8	.9	–.5	1.4	–.6
1990	–1.0	1.6	–.1	.1	.8	–.3	1.1	.6	1.1	1.9	–.1	.6
1991	1.2	–.6	–.4	.2	–.7	.4	–.1	.5	–1.5	.5	–.5	.1
1992	–.7	–.1	.5	–.1	–.8	2.5	–	–	.1	1.3	–.6	.6
1993	1.0	–1.6	.8	.7	.5	–1.1	–.5	.2	.1	–1.1	1.5	–.5
1994	.3	.6	–.4	.5	.3	–.7	1.6	.2	.5	.8	.3	2.4
1995	–.5	.5	1.4	.8	1.0	1.5	.3	.3	–.4	.9	1.2	–.6
1996	.5	–.4	.3	.8	.4	.3	–.9	–.2	1.9	.6	.2	.2
1997	.1	1.1	–	.5	–.3	.6	.7	.3	2.2	–.7	.4	–.3

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	CHEMICALS AND ALLIED PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 087	4 173	4 053	4 064	4 138	4 179	4 114	4 113	4 153	4 084	4 168	3 980
1988	4 214	4 313	4 390	4 334	4 473	4 340	4 443	4 455	4 382	4 455	4 450	4 353
1989	4 512	4 530	4 585	4 725	4 754	4 631	4 796	4 890	4 830	4 863	4 825	4 860
1990	4 757	4 823	4 821	4 992	5 038	4 914	5 028	5 035	4 965	5 022	5 160	4 978
1991	5 179	5 196	5 093	5 363	5 408	5 260	5 322	5 388	5 377	5 579	5 440	5 363
1992	5 500	5 524	5 447	5 804	5 836	5 662	5 649	5 818	5 809	5 907	5 934	5 792
1993	5 984	6 129	5 931	8 047	6 026	8 008	6 195	6 209	6 106	8 164	6 082	5 978
1994	5 899	6 097	6 058	6 010	6 159	6 061	6 202	8 239	6 212	6 174	6 228	8 073
1995	6 152	6 147	6 184	6 191	6 412	6 348	8 539	6 507	6 527	6 491	6 542	8 444
1996	6 603	6 695	6 614	6 649	8 691	8 711	6 788	8 842	6 684	6 545	6 440	8 504
1997	6 635	6 755	6 860	7 138	7 368	7 296	7 463	7 462	7 523	7 917	8 088	8 117
	Seasonally Adjusted—Millions of Dollars											
1987	4 124	4 201	4 095	4 052	4 074	4 157	4 056	4 057	4 122	4 071	4 167	4 152
1988	4 239	4 338	4 422	4 306	4 398	4 334	4 383	4 397	4 365	4 446	4 448	4 530
1989	4 529	4 548	4 624	4 677	4 673	4 652	4 742	4 831	4 825	4 853	4 820	4 831
1990	4 766	4 830	4 884	4 924	4 949	4 955	4 976	4 974	4 971	5 007	5 153	5 139
1991	5 187	5 196	5 188	5 290	5 313	5 307	5 264	5 316	5 384	5 557	5 430	5 520
1992	5 518	5 525	5 556	5 742	5 731	5 707	5 585	5 746	5 806	5 885	5 928	5 945
1993	6 015	6 127	6 025	6 015	5 925	6 045	6 120	6 135	6 089	6 152	6 079	8 123
1994	5 943	6 099	6 120	6 006	6 058	6 084	6 117	6 167	6 186	6 173	6 235	6 209
1995	6 204	6 151	6 229	6 204	6 312	8 368	6 451	8 439	6 495	6 500	6 551	6 581
1996	6 666	6 705	6 667	6 662	6 585	6 717	8 693	6 769	6 657	6 556	6 452	6 638
1997	8 698	6 767	6 925	7 139	7 247	7 289	7 357	7 378	7 505	7 926	8 107	8 288
	Seasonally Adjusted—Percent Change From Previous Period											
1987	2.2	1.9	−2.5	−1.1	.5	2.0	−2.4	–	1.6	−1.2	2.4	−.4
1988	2.1	2.3	1.9	−2.6	2.1	−1.5	1.1	.3	−.7	1.9	–	1.8
1989	–	.4	1.7	1.1	−.1	−.4	1.9	1.9	−.1	.6	−.7	.2
1990	−1.3	1.3	1.1	.8	.5	.1	.4	–	−.1	.7	2.9	−.3
1991	.9	.2	−.2	2.0	.4	−.1	−.8	1.0	1.3	3.2	−2.3	1.7
1992	–	.1	.6	3.3	−.2	−.4	−2.1	2.9	1.0	1.4	.7	.3
1993	1.2	1.9	−1.7	−.2	−1.5	2.0	1.2	.2	−.7	1.0	−1.2	.7
1994	−2.9	2.6	.3	−1.9	.9	.4	.5	.8	.3	−.2	1.0	−.4
1995	−.1	−.9	1.3	−.4	1.7	.9	1.3	−.2	.9	.1	.8	.5
1996	1.3	.6	−.6	−.1	−1.2	2.0	−.4	1.1	−1.7	−1.5	−1.6	2.9
1997	.9	1.0	2.3	3.1	1.5	.6	.9	.3	1.7	5.6	2.3	2.2
	CHEMICALS AND ALLIED PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	12 672	12 883	12 616	12 649	12 440	12 106	12 328	12 312	12 058	12 520	12 784	13 070
1988	13 412	13 659	13 595	13 459	13 490	13 441	13 665	13 765	13 796	14 138	14 502	14 849
1989	15 133	15 493	15 940	16 032	16 127	16 138	16 222	16 095	15 767	15 953	16 029	15 894
1990	15 919	16 198	16 291	16 379	16 261	16 188	16 439	16 075	16 080	16 382	16 765	17 103
1991	17 460	17 753	18 028	17 642	17 404	17 013	16 870	16 672	16 626	16 609	17 330	17 336
1992	17 312	17 825	17 779	17 512	17 416	16 836	17 172	17 319	17 265	17 423	17 670	17 747
1993	18 049	18 184	18 293	18 072	18 065	17 732	17 572	17 836	17 667	17 692	17 744	17 592
1994	17 950	18 302	18 175	18 199	18 022	17 650	17 857	17 723	17 368	17 477	17 715	17 952
1995	18 399	19 085	18 916	19 407	19 625	19 356	19 545	19 702	19 767	19 459	19 152	19 654
1996	19 705	20 146	20 346	20 361	20 099	19 584	19 532	19 659	19 554	19 708	19 896	20 308
1997	20 352	20 844	20 673	20 732	20 610	20 309	20 339	20 388	20 321	20 644	21 187	21 157
	Seasonally Adjusted—Millions of Dollars											
1987	12 570	12 637	12 368	12 418	12 405	12 184	12 388	12 492	12 494	12 744	12 782	13 030
1988	13 267	13 375	13 314	13 215	13 420	13 510	13 724	13 975	14 279	14 412	14 550	14 823
1989	14 950	15 144	15 569	15 754	16 041	16 246	16 323	16 374	16 276	16 269	16 113	15 868
1990	15 732	15 822	15 875	16 112	16 155	16 309	16 567	16 357	16 548	16 708	16 873	17 098
1991	17 269	17 326	17 547	17 359	17 277	17 147	17 028	16 941	17 060	16 932	17 453	17 367
1992	17 159	17 402	17 313	17 234	17 266	16 977	17 360	17 543	17 661	17 757	17 812	17 812
1993	17 929	17 733	17 831	17 770	17 887	17 889	17 785	18 012	18 030	18 023	17 915	17 676
1994	17 871	17 850	17 745	17 882	17 812	17 796	18 070	17 854	17 704	17 804	17 915	18 047
1995	18 337	18 606	18 483	19 044	19 395	19 544	19 781	19 855	20 149	19 820	19 392	19 750
1996	19 664	19 640	19 896	19 963	19 842	19 765	19 750	19 832	19 962	20 082	20 144	20 391
1997	20 308	20 308	20 208	20 314	20 347	20 492	20 537	20 585	20 774	21 032	21 439	21 230
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−.8	.5	−2.1	.4	−.1	−1.8	1.7	.8	–	2.0	.3	1.9
1988	1.8	.8	−.5	−.7	1.6	.7	1.6	1.8	2.2	.9	1.0	1.9
1989	.9	1.3	2.8	1.2	1.8	1.3	.5	.3	−.6	–	−1.0	−1.5
1990	−.9	.6	.3	1.5	.3	1.0	1.6	−1.3	1.2	1.0	1.0	1.3
1991	1.0	.3	1.3	−1.1	−.5	−.8	−.7	−.5	.7	−.8	3.1	−.5
1992	−1.2	1.4	−.5	−.5	.2	−1.7	2.3	1.1	.7	.5	.3	–
1993	.7	−1.1	.6	−.3	.7	–	−.6	1.3	.1	–	−.6	−1.3
1994	1.1	−.1	−.6	.8	−.4	−.1	1.5	−1.2	−.8	.6	.6	.7
1995	1.6	1.5	−.7	3.0	1.8	.8	1.2	.4	1.5	−1.6	−2.2	1.8
1996	−.4	−.1	1.3	.3	−.6	−.4	−.1	.4	.7	.6	.3	1.2
1997	−.4	–	−.5	.5	.2	.7	.2	.2	.9	1.2	1.9	−1.0

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	PETROLEUM AND COAL PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	8 879	9 054	9 003	9 051	9 217	9 307	9 507	10 017	9 878	10 047	10 339	9 797
1988	9 628	9 584	9 673	9 862	10 194	10 018	9 917	9 626	9 495	9 450	9 319	9 039
1989	9 601	9 764	9 920	10 555	10 832	11 107	10 943	10 822	10 641	10 857	10 955	10 559
1990	11 647	11 624	11 621	11 404	11 451	11 110	11 286	11 949	13 632	13 940	13 791	13 184
1991	12 570	12 170	11 814	11 939	12 276	12 187	11 947	11 986	12 282	12 079	12 157	11 383
1992	10 863	10 800	11 054	11 195	11 610	11 836	11 982	11 809	11 938	11 809	11 445	10 975
1993	11 051	11 030	11 170	11 594	11 650	11 401	11 233	11 152	10 914	11 097	10 835	9 865
1994	9 837	10 074	10 216	10 403	10 800	10 919	11 323	11 317	10 980	11 214	11 239	10 661
1995	11 110	11 276	11 310	11 642	11 988	11 811	11 449	11 236	11 262	10 972	10 925	10 829
1996	11 138	11 282	11 762	12 090	12 281	12 159	12 268	12 167	12 439	12 499	12 424	12 046
1997	12 661	12 511	12 720	12 705	13 232	12 849	12 517	12 793	12 791	12 749	12 585	11 806
	Seasonally Adjusted—Millions of Dollars											
1987	8 936	9 139	9 256	9 157	9 153	9 298	9 493	9 978	9 800	9 831	10 043	9 973
1988	9 721	9 699	9 934	9 967	10 096	9 975	9 909	9 587	9 419	9 249	9 105	9 196
1989	9 728	9 919	10 168	10 650	10 697	11 032	10 926	10 790	10 537	10 598	10 718	10 743
1990	11 838	11 866	11 894	11 484	11 292	11 015	11 247	11 912	13 466	13 600	13 495	13 432
1991	12 829	12 473	12 070	12 011	12 074	12 054	11 854	11 931	12 130	11 814	11 954	11 671
1992	11 185	11 145	11 289	11 240	11 384	11 654	11 803	11 621	11 746	11 570	11 287	11 350
1993	11 402	11 384	11 388	11 622	11 409	11 212	11 027	10 975	10 742	10 900	10 757	10 265
1994	10 164	10 379	10 388	10 387	10 557	10 720	11 105	11 146	10 805	11 029	11 173	11 121
1995	11 470	11 611	11 504	11 609	11 712	11 595	11 234	11 079	11 093	10 805	10 886	11 304
1996	11 490	11 594	11 959	12 044	11 991	11 942	12 077	12 015	12 252	12 289	12 344	12 520
1997	13 039	12 858	12 923	12 656	12 919	12 623	12 338	12 657	12 621	12 559	12 489	12 218
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.6	2.3	1.3	−1.1	–	1.6	2.1	5.1	−1.8	.3	2.2	−.7
1988	−2.5	−.2	2.4	.3	1.3	−1.2	−.7	−3.2	−1.8	−1.8	−1.6	1.0
1989	5.8	2.0	2.5	4.7	.4	3.1	−1.0	−1.2	−2.3	.6	1.1	.2
1990	10.2	.2	.2	−3.4	−1.7	−2.5	2.1	5.9	13.0	1.0	−.8	−.5
1991	−4.5	−2.8	−3.2	−.5	.5	−.2	−1.7	.6	1.7	−2.6	1.2	−2.4
1992	−4.2	−.4	1.3	−.4	1.3	2.4	1.3	−1.5	1.1	−1.5	−2.4	.6
1993	.5	−.2	–	2.1	−1.8	−1.7	−1.7	−.5	−2.1	1.5	−1.3	−4.6
1994	−1.0	2.1	.1	–	1.6	1.5	3.6	.4	−3.1	2.1	1.3	−.5
1995	3.1	1.2	−.9	.9	.9	−1.0	−3.1	−1.4	.1	−2.6	.7	3.8
1996	1.6	.9	3.1	.7	−.4	−.4	1.1	−.5	2.0	.3	.4	1.4
1997	4.1	−1.4	.5	−2.1	2.1	−2.3	−2.3	2.6	−.3	−.5	−.6	−2.2
	PETROLEUM AND COAL PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 239	2 316	2 257	2 300	2 346	2 391	2 365	2 476	2 525	2 568	2 618	2 577
1988	2 490	2 531	2 719	2 678	2 768	2 782	2 672	2 667	2 631	2 653	2 596	2 591
1989	2 651	2 708	2 732	2 904	2 850	2 982	2 775	2 947	2 737	2 742	2 909	3 063
1990	3 055	2 995	3 292	3 246	3 113	3 101	3 136	3 234	3 418	3 539	3 414	3 629
1991	3 373	3 304	3 300	3 304	3 350	3 403	3 452	3 439	3 443	3 511	3 535	3 445
1992	3 063	3 040	3 128	3 258	3 373	3 377	3 618	3 553	3 470	3 460	3 299	3 447
1993	3 394	3 418	3 396	3 534	3 631	3 569	3 463	3 502	3 345	3 481	3 488	3 333
1994	3 149	3 286	3 303	3 445	3 589	3 673	3 674	3 641	3 627	3 646	3 469	3 503
1995	3 444	3 386	3 908	3 928	3 833	3 796	3 622	3 538	3 495	3 358	3 301	3 331
1996	3 350	3 377	3 553	3 687	3 538	3 666	3 675	3 706	3 777	3 891	3 718	3 706
1997	3 851	3 809	3 959	3 902	4 142	3 960	3 769	3 830	3 790	3 914	3 709	3 698
	Seasonally Adjusted—Millions of Dollars											
1987	2 245	2 298	2 277	2 263	2 310	2 363	2 393	2 481	2 576	2 581	2 608	2 558
1988	2 512	2 532	2 744	2 640	2 738	2 748	2 698	2 663	2 668	2 653	2 597	2 560
1989	2 684	2 744	2 754	2 869	2 824	2 943	2 796	2 938	2 755	2 724	2 915	3 014
1990	3 117	3 069	3 327	3 211	3 080	3 051	3 148	3 218	3 424	3 504	3 422	3 560
1991	3 473	3 409	3 341	3 269	3 303	3 335	3 441	3 415	3 442	3 466	3 566	3 402
1992	3 195	3 147	3 171	3 215	3 304	3 296	3 584	3 501	3 454	3 417	3 339	3 446
1993	3 554	3 536	3 440	3 480	3 548	3 481	3 410	3 450	3 329	3 437	3 554	3 380
1994	3 305	3 389	3 331	3 380	3 498	3 578	3 610	3 589	3 612	3 600	3 545	3 583
1995	3 593	3 490	3 930	3 847	3 737	3 698	3 562	3 493	3 487	3 317	3 392	3 423
1996	3 479	3 473	3 553	3 603	3 451	3 568	3 633	3 669	3 772	3 840	3 812	3 797
1997	3 978	3 919	3 945	3 812	4 044	3 852	3 737	3 803	3 795	3 872	3 801	3 774
	Seasonally Adjusted—Percent Change From Previous Period											
1987	−2.1	2.4	−.9	−.6	2.1	2.3	1.3	3.7	3.8	.2	1.0	−1.9
1988	−1.8	.8	8.4	−3.8	3.7	.4	−1.8	−1.3	.2	−.6	−2.1	−1.4
1989	4.8	2.2	.4	4.2	−1.6	4.2	−5.0	5.1	−6.2	−1.1	7.0	3.4
1990	3.4	−1.5	8.4	−3.5	−4.1	−.9	3.2	2.2	6.4	2.3	−2.3	4.0
1991	−2.4	−1.8	−2.0	−2.2	1.0	1.0	3.2	−.8	.8	.7	2.9	−4.6
1992	−6.1	−1.5	.8	1.4	2.8	−.2	8.7	−2.3	−1.3	−1.1	−2.3	3.2
1993	3.1	−.5	−2.7	1.2	2.0	−1.9	−2.0	1.2	−3.5	3.2	3.4	−4.9
1994	−2.2	2.5	−1.7	1.5	3.5	2.3	.9	−.6	.6	−.3	−1.5	1.1
1995	.3	−2.9	12.6	−2.1	−2.9	−1.0	−3.7	−1.9	−.2	−4.9	2.3	.9
1996	1.6	−.2	2.3	1.4	−4.2	3.4	1.8	1.0	2.8	1.8	−.7	−.4
1997	4.8	−1.5	.7	−3.4	6.1	−4.7	−3.0	1.8	−.2	2.0	−1.8	−.7

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	PETROLEUM AND COAL PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	2 015	2 204	2 174	2 169	2 254	2 241	2 281	2 338	2 262	2 408	2 458	2 250
1988	2 177	2 099	2 119	2 130	2 187	2 128	2 181	2 120	2 058	2 088	2 108	2 044
1989	2 182	2 188	2 326	2 545	2 583	2 656	2 816	2 553	2 457	2 610	2 628	2 602
1990	2 803	2 743	2 746	2 558	2 789	2 623	2 692	3 087	3 558	3 456	3 305	3 077
1991	2 908	2 730	2 688	2 907	2 930	3 002	2 862	2 838	3 048	2 933	2 808	2 579
1992	2 634	2 687	2 815	2 828	2 814	2 903	2 827	2 809	2 914	2 855	2 724	2 531
1993	2 506	2 582	2 658	2 771	2 685	2 617	2 657	2 687	2 568	2 585	2 418	2 058
1994	2 276	2 301	2 378	2 384	2 407	2 435	2 538	2 587	2 419	2 522	2 543	2 368
1995	2 500	2 639	2 393	2 424	2 607	2 530	2 408	2 442	2 451	2 356	2 379	2 377
1996	2 530	2 444	2 667	2 692	2 762	2 620	2 744	2 805	2 822	2 895	2 869	2 748
1997	2 991	2 935	2 973	2 978	2 967	2 818	2 760	2 854	2 887	2 905	2 875	2 530
	Seasonally Adjusted—Millions of Dollars											
1987	2 052	2 261	2 238	2 187	2 217	2 231	2 270	2 308	2 268	2 332	2 366	2 308
1988	2 221	2 156	2 183	2 147	2 151	2 112	2 172	2 091	2 081	2 018	2 044	2 102
1989	2 235	2 250	2 385	2 558	2 543	2 634	2 604	2 519	2 456	2 512	2 565	2 685
1990	2 877	2 825	2 805	2 554	2 751	2 603	2 676	3 043	3 540	3 320	3 241	3 194
1991	2 983	2 816	2 732	2 897	2 890	2 981	2 836	2 791	3 024	2 826	2 772	2 706
1992	2 696	2 771	2 845	2 805	2 764	2 880	2 795	2 750	2 880	2 768	2 704	2 682
1993	2 559	2 659	2 682	2 749	2 637	2 598	2 621	2 630	2 530	2 522	2 409	2 194
1994	2 324	2 362	2 395	2 358	2 361	2 414	2 507	2 512	2 379	2 471	2 534	2 529
1995	2 555	2 702	2 409	2 396	2 552	2 510	2 382	2 393	2 413	2 317	2 371	2 540
1996	2 589	2 493	2 681	2 657	2 699	2 603	2 724	2 753	2 781	2 843	2 848	2 922
1997	3 057	2 988	2 988	2 943	2 895	2 805	2 746	2 807	2 854	2 857	2 850	2 679
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–2.4	10.2	–1.0	–2.3	1.4	.6	1.7	1.7	–1.7	2.8	1.5	–2.5
1988	–3.8	–2.9	1.3	–1.6	.2	–1.8	2.8	–3.7	–1.4	–2.1	1.3	2.8
1989	6.3	.7	6.0	7.3	–.6	3.6	–1.1	–3.3	–2.5	2.3	2.1	4.7
1990	7.2	–1.8	–.7	–8.9	7.7	–5.4	2.8	13.7	16.3	–6.2	–2.4	–1.5
1991	–6.6	–5.6	–3.0	6.0	–.2	3.1	–4.9	–1.6	8.3	–6.5	–1.9	–2.4
1992	–.4	2.8	2.7	–1.4	–1.5	4.2	–3.0	–1.6	4.7	–3.9	–2.3	–.8
1993	–4.6	3.9	.9	2.5	–4.1	–1.5	.9	.3	–3.8	–.3	–4.5	–8.9
1994	5.9	1.6	1.4	–1.5	.1	2.2	3.9	.2	–5.3	3.9	2.5	–.2
1995	1.0	5.8	–10.8	–.5	6.5	–1.6	–5.1	.5	.8	–4.0	2.3	7.1
1996	1.9	–3.7	7.5	–.9	1.6	–3.6	4.6	1.1	1.0	2.2	.2	2.6
1997	4.6	–2.3	–	–1.5	–1.6	–3.1	–2.1	2.2	1.7	.1	–.2	–6.0
	PETROLEUM AND COAL PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 625	4 534	4 572	4 582	4 617	4 675	4 861	5 203	5 091	5 071	5 265	4 970
1988	4 961	4 954	4 835	5 054	5 239	5 108	5 064	4 839	4 806	4 709	4 615	4 404
1989	4 768	4 868	4 862	5 106	5 399	5 469	5 552	5 322	5 447	5 505	5 418	4 894
1990	5 789	5 886	5 583	5 600	5 549	5 386	5 458	5 628	6 656	6 945	7 072	6 478
1991	8 289	6 136	5 826	5 728	5 996	5 782	5 633	5 709	5 791	5 635	5 814	5 359
1992	5 168	5 073	5 111	5 109	5 423	5 556	5 537	5 447	5 554	5 494	5 422	4 997
1993	5 151	5 030	5 116	5 289	5 334	5 215	5 113	4 963	5 003	5 031	4 929	4 476
1994	4 412	4 487	4 535	4 574	4 804	4 811	5 111	5 109	4 934	5 046	5 227	4 792
1995	5 166	5 251	5 009	5 290	5 548	5 485	5 419	5 256	5 316	5 258	5 245	5 121
1996	5 258	5 461	5 542	5 711	5 981	5 873	5 849	5 656	5 840	5 713	5 837	5 592
1997	5 819	5 767	5 788	5 825	8 123	6 071	5 988	6 109	6 114	5 930	6 001	5 578
	Seasonally Adjusted—Millions of Dollars											
1987	4 639	4 580	4 741	4 707	4 626	4 704	4 830	5 189	4 956	4 918	5 069	5 107
1988	4 988	5 011	5 007	5 180	5 207	5 115	5 039	4 833	4 690	4 578	4 464	4 534
1989	4 809	4 925	5 029	5 223	5 330	5 455	5 526	5 333	5 326	5 362	5 238	5 044
1990	5 844	5 972	5 762	5 719	5 461	5 361	5 423	5 651	6 502	6 776	6 832	6 678
1991	8 373	6 248	5 997	5 845	5 881	5 738	5 577	5 725	5 664	5 522	5 616	5 563
1992	5 294	5 227	5 273	5 220	5 316	5 478	5 424	5 370	5 412	5 385	5 244	5 222
1993	5 289	5 189	5 266	5 393	5 224	5 133	4 996	4 895	4 883	4 941	4 794	4 691
1994	4 535	4 628	4 662	4 649	4 698	4 728	4 988	5 045	4 814	4 958	5 094	5 009
1995	5 322	5 419	5 165	5 366	5 423	5 387	5 290	5 193	5 193	5 171	5 123	5 341
1996	5 422	5 628	5 725	5 784	5 841	5 771	5 720	5 593	5 699	5 606	5 684	5 801
1997	6 004	5 951	5 990	5 901	5 980	5 966	5 855	6 047	5 972	5 830	5 838	5 765
	Seasonally Adjusted—Percent Change From Previous Period											
1987	5.5	–1.3	3.5	–.7	–1.7	1.7	2.7	7.4	–4.5	–.8	3.1	.7
1988	–2.3	.5	–.1	3.5	.5	–1.8	–1.5	–4.1	–3.0	–2.4	–2.5	1.6
1989	6.1	2.4	2.1	3.9	2.0	2.3	1.3	–3.5	–.1	.7	–2.3	–3.7
1990	15.9	2.2	–3.5	–.7	–4.5	–1.8	1.2	4.2	15.1	4.2	.8	–2.3
1991	–4.8	–2.0	–4.0	–2.5	.6	–2.4	–2.8	2.7	–1.1	–2.5	1.7	–.9
1992	–4.8	–1.3	.9	–1.0	1.8	3.0	–1.0	–1.0	.8	–.5	–2.6	–.4
1993	1.3	–1.9	1.5	2.4	–3.1	–1.7	–2.7	–2.0	–.2	1.2	–3.0	–2.1
1994	–3.3	2.1	.7	–.3	1.1	.6	5.5	1.1	–4.6	3.0	2.7	–1.7
1995	6.2	1.8	–4.7	3.9	1.1	–.7	–1.8	–1.8	–	–.4	–.9	4.3
1996	1.5	3.8	1.7	1.0	1.0	–1.2	–.9	–2.2	1.9	–1.6	1.4	2.1
1997	3.5	–.9	.7	–1.5	1.3	–.2	–1.9	3.3	–1.2	–2.4	.1	–1.3

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	9 271	9 422	9 564	9 656	9 746	9 621	9 686	9 889	9 727	9 646	9 760	9 982
1988	10 080	10 209	10 508	10 680	10 751	10 722	10 804	10 812	10 953	11 011	11 116	11 314
1989	11 624	11 788	12 061	11 956	11 942	11 750	11 782	11 654	11 588	11 479	11 463	11 512
1990	11 601	11 659	11 663	11 587	11 739	11 578	11 860	11 611	11 763	11 967	12 060	12 285
1991	12 557	12 538	12 485	12 514	12 370	12 066	11 979	11 895	11 816	11 833	11 989	12 119
1992	12 240	12 120	11 996	12 044	12 021	11 895	11 909	11 894	12 053	12 083	12 271	12 517
1993	12 606	12 605	12 640	12 723	12 802	12 630	12 635	12 564	12 585	12 540	12 705	12 770
1994	13 005	13 184	13 195	13 149	13 113	13 038	13 260	13 222	13 433	13 654	13 604	14 145
1995	14 614	15 217	15 344	15 558	15 515	15 409	15 457	15 187	15 023	14 954	14 931	15 093
1996	15 326	15 565	15 601	15 466	15 304	15 239	15 298	15 147	15 182	15 249	15 334	15 584
1997	15 990	16 297	16 358	16 357	16 447	16 284	16 318	18 195	16 018	16 037	16 161	16 300
	Seasonally Adjusted—Millions of Dollars											
1987	9 314	9 335	9 341	9 403	9 535	9 555	9 680	9 988	9 885	9 909	9 989	10 065
1988	10 070	10 092	10 285	10 435	10 544	10 706	10 828	10 940	11 122	11 275	11 327	11 367
1989	11 553	11 638	11 835	11 724	11 749	11 777	11 837	11 813	11 767	11 711	11 627	11 533
1990	11 487	11 497	11 471	11 391	11 582	11 634	11 737	11 782	11 942	12 184	12 190	12 292
1991	12 406	12 346	12 294	12 327	12 229	12 137	12 066	12 080	11 995	12 028	12 090	12 121
1992	12 083	11 930	11 829	11 883	11 898	11 957	11 975	12 067	12 245	12 296	12 388	12 541
1993	12 459	12 389	12 450	12 543	12 677	12 679	12 683	12 741	12 800	12 774	12 856	12 821
1994	12 870	12 936	12 975	12 948	12 984	13 070	13 285	13 400	13 674	13 923	13 801	14 232
1995	14 481	14 901	15 060	15 312	15 362	15 427	15 460	15 383	15 316	15 265	15 189	15 220
1996	15 198	15 217	15 294	15 206	15 138	15 240	15 286	15 335	15 493	15 580	15 619	15 728
1997	15 855	15 917	16 031	16 085	16 269	16 281	16 305	16 395	16 348	16 386	16 466	18 455
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.3	.2	.1	.7	1.4	.2	1.3	3.2	−1.0	.2	.8	.8
1988	–	.2	1.9	1.5	1.0	1.5	1.1	1.0	1.7	1.4	.5	.4
1989	1.6	.7	1.7	−.9	.2	.2	.5	−.2	−.4	−.5	−.7	−.8
1990	−.4	.1	−.2	−.7	1.7	.4	.9	.4	1.4	2.0	–	.8
1991	.9	−.5	−.4	.3	−.8	−.8	−.6	.1	−.7	.3	.5	.3
1992	−.3	−1.3	−.8	.5	.1	.5	.2	.8	1.5	.4	.7	1.2
1993	−.7	−.6	.5	.7	1.1	–	–	.5	.5	−.2	.6	−.3
1994	.4	.5	.3	−.2	.3	.7	1.6	.9	2.0	1.8	−.9	3.1
1995	1.7	2.9	1.1	1.7	.3	.4	.2	−.5	−.4	−.3	−.5	.2
1996	−.1	.1	.5	−.6	−.4	.7	.3	.3	1.0	.6	.3	.7
1997	.8	.4	.7	.3	1.1	.1	.1	.6	−.3	.2	.5	−.1
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	3 469	3 438	3 450	3 518	3 632	3 678	3 729	3 764	3 735	3 783	3 810	4 000
1988	3 955	3 892	4 051	4 164	4 217	4 279	4 375	4 347	4 470	4 528	4 515	4 712
1989	4 756	4 727	4 691	4 621	4 627	4 577	4 643	4 573	4 581	4 536	4 520	4 607
1990	4 477	4 485	4 509	4 473	4 499	4 403	4 537	4 568	4 722	4 799	4 857	4 902
1991	4 939	4 799	4 763	4 705	4 628	4 522	4 555	4 496	4 554	4 591	4 582	4 760
1992	4 643	4 563	4 569	4 602	4 605	4 614	4 702	4 661	4 820	4 789	4 781	4 929
1993	4 790	4 736	4 767	4 853	4 878	4 817	4 920	4 850	4 954	4 925	5 037	5 124
1994	5 090	5 125	5 185	5 170	5 151	5 147	5 338	5 278	5 470	5 515	5 514	5 859
1995	5 992	6 204	6 254	6 379	6 329	6 371	6 449	6 304	6 254	6 045	6 069	6 163
1996	6 119	6 202	6 086	6 134	6 125	8 146	6 266	6 145	6 228	6 247	6 257	6 402
1997	6 476	6 430	6 407	6 450	6 454	6 385	6 473	6 342	6 430	6 433	6 422	6 620
	Seasonally Adjusted—Millions of Dollars											
1987	3 459	3 454	3 437	3 497	3 610	3 664	3 720	3 803	3 766	3 841	3 875	3 886
1988	3 922	3 896	4 038	4 147	4 203	4 297	4 376	4 395	4 496	4 569	4 561	4 586
1989	4 702	4 726	4 685	4 618	4 634	4 633	4 654	4 629	4 587	4 546	4 532	4 487
1990	4 422	4 485	4 514	4 477	4 520	4 479	4 550	4 628	4 715	4 796	4 845	4 783
1991	4 886	4 801	4 768	4 708	4 658	4 606	4 567	4 561	4 536	4 584	4 557	4 655
1992	4 602	4 568	4 577	4 601	4 630	4 685	4 699	4 722	4 805	4 797	4 765	4 841
1993	4 762	4 737	4 770	4 840	4 899	4 873	4 898	4 911	4 948	4 950	5 041	5 054
1994	5 066	5 113	5 180	5 144	5 161	5 187	5 298	5 342	5 479	5 565	5 544	5 798
1995	5 968	6 168	6 231	6 335	6 327	6 404	6 388	6 381	6 285	6 117	6 127	6 115
1996	6 092	6 149	6 059	6 084	6 113	6 170	6 202	6 221	6 269	6 332	6 333	6 356
1997	6 440	6 363	6 376	6 400	6 439	6 410	6 409	6 425	6 474	6 519	6 507	6 572
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.6	−.1	−.5	1.7	3.2	1.5	1.5	2.2	−1.0	2.0	.9	.3
1988	.9	−.7	3.6	2.7	1.4	2.2	1.8	.4	2.3	1.6	−.2	.5
1989	2.5	.5	−.9	−1.4	.3	–	.5	−.5	−.9	−.9	−.3	−1.0
1990	−1.4	1.4	.6	−.8	1.0	−.9	1.6	1.7	1.9	1.7	1.0	−1.3
1991	2.2	−1.7	−.7	−1.3	−1.1	−1.1	−.8	−.1	−.5	1.1	−.6	2.2
1992	−1.1	−.7	.2	.5	.6	1.2	.3	.5	1.8	−.2	−.7	1.6
1993	−1.6	−.5	.7	1.5	1.2	−.5	.5	.3	.8	–	1.8	.3
1994	.2	.9	1.3	−.7	.3	.5	2.1	.8	2.6	1.6	−.4	4.6
1995	2.9	3.4	1.0	1.7	−.1	1.2	−.2	−.1	−1.5	−2.7	.2	−.2
1996	−.4	.9	−1.5	.4	.5	.9	.5	.3	.8	1.0	–	.4
1997	1.3	−1.2	.2	.4	.6	−.5	–	.2	.8	.7	−.2	1.0

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	1 437	1 454	1 432	1 383	1 360	1 391	1 395	1 524	1 515	1 465	1 488	1 579
1988	1 588	1 599	1 614	1 611	1 660	1 840	1 655	1 707	1 693	1 633	1 671	1 682
1989	1 720	1 676	1 773	1 744	1 741	1 694	1 723	1 746	1 743	1 750	1 743	1 671
1990	1 738	1 693	1 650	1 628	1 679	1 818	1 677	1 678	1 703	1 783	1 756	1 722
1991	1 768	1 727	1 707	1 800	1 722	1 683	1 719	1 797	1 816	1 893	1 867	1 792
1992	1 869	1 839	1 763	1 802	1 786	1 713	1 752	1 769	1 746	1 811	1 860	1 801
1993	1 836	1 843	1 777	1 807	1 788	1 780	1 742	1 780	1 761	1 820	1 818	1 770
1994	1 820	1 790	1 737	1 755	1 760	1 751	1 800	1 830	1 862	1 924	1 929	1 919
1995	1 999	2 061	2 036	2 054	2 110	2 022	2 049	2 030	2 020	2 111	2 114	2 056
1996	2 123	2 125	2 100	2 044	2 032	1 994	2 025	2 055	2 076	2 100	2 132	2 046
1997	2 110	2 181	2 173	2 156	2 255	2 148	2 205	2 250	2 293	2 217	2 243	2 194
	Seasonally Adjusted—Millions of Dollars											
1987	1 413	1 450	1 436	1 408	1 383	1 431	1 403	1 509	1 477	1 459	1 475	1 580
1988	1 560	1 590	1 619	1 633	1 677	1 691	1 674	1 694	1 661	1 624	1 654	1 684
1989	1 687	1 662	1 781	1 762	1 753	1 749	1 746	1 735	1 725	1 737	1 721	1 673
1990	1 704	1 676	1 659	1 637	1 688	1 670	1 703	1 672	1 698	1 763	1 729	1 731
1991	1 731	1 706	1 717	1 806	1 729	1 737	1 745	1 797	1 822	1 866	1 832	1 804
1992	1 831	1 815	1 771	1 805	1 792	1 764	1 777	1 772	1 760	1 782	1 826	1 817
1993	1 800	1 815	1 785	1 810	1 793	1 833	1 767	1 785	1 778	1 789	1 784	1 787
1994	1 786	1 759	1 744	1 760	1 763	1 802	1 825	1 837	1 879	1 891	1 894	1 941
1995	1 963	2 021	2 041	2 063	2 112	2 079	2 075	2 037	2 036	2 078	2 077	2 083
1996	2 090	2 084	2 104	2 055	2 030	2 049	2 049	2 060	2 086	2 072	2 096	2 077
1997	2 080	2 140	2 174	2 168	2 252	2 207	2 230	2 252	2 297	2 190	2 207	2 231
	Seasonally Adjusted—Percent Change From Previous Period											
1987	–4.6	2.6	–1.0	–1.9	–1.8	3.5	–2.0	7.6	–2.1	–1.2	1.1	7.1
1988	–1.3	1.9	1.8	.9	2.7	.8	–1.0	1.2	–1.9	–2.2	1.8	1.8
1989	.2	–1.5	7.2	–1.1	–.5	–.2	–.2	–.6	–.6	.7	–.9	–2.8
1990	1.9	–1.6	–1.0	–1.3	3.1	–1.1	2.0	–1.8	1.6	3.8	–1.9	.1
1991	–	–1.4	.6	5.2	–4.3	.5	.5	3.0	1.4	2.4	–1.8	–1.5
1992	1.5	–.9	–2.4	1.9	–.7	–1.6	.7	–.3	–.7	1.3	2.5	–.5
1993	–.9	.8	–1.7	1.4	–.9	2.2	–3.6	1.0	–.4	.6	–.3	.2
1994	–.1	–1.5	–.9	.9	.2	2.2	1.3	.7	2.3	.6	.2	2.5
1995	1.1	3.0	1.0	1.1	2.4	–1.6	–.2	–1.8	–	2.1	–	.3
1996	.3	–.3	1.0	–2.3	–1.2	.9	–	.5	1.3	–.7	1.2	–.9
1997	.1	2.9	1.6	–.3	3.9	–2.0	1.0	1.0	2.0	–4.7	.8	1.1
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 365	4 530	4 682	4 755	4 754	4 552	4 562	4 601	4 477	4 398	4 462	4 403
1988	4 537	4 718	4 843	4 905	4 874	4 803	4 774	4 758	4 790	4 850	4 930	4 920
1989	5 148	5 385	5 597	5 591	5 574	5 479	5 416	5 335	5 264	5 193	5 200	5 234
1990	5 386	5 481	5 504	5 486	5 561	5 557	5 446	5 365	5 338	5 385	5 447	5 661
1991	5 850	6 012	6 015	6 009	8 020	5 861	5 705	5 602	5 446	5 349	5 540	5 567
1992	5 728	5 718	5 664	5 640	5 630	5 568	5 455	5 464	5 487	5 483	5 630	5 787
1993	5 980	6 026	6 096	6 063	6 136	8 033	5 973	5 934	5 870	5 795	5 850	5 876
1994	6 095	6 269	6 273	6 224	6 202	6 140	6 122	6 114	6 101	6 215	6 161	6 367
1995	6 623	6 952	7 054	7 125	7 076	7 016	6 959	6 853	6 749	6 798	6 748	6 874
1996	7 084	7 238	7 415	7 288	7 147	7 099	7 007	6 947	6 878	6 902	6 945	7 136
1997	7 404	7 688	7 778	7 751	7 738	7 751	7 638	7 603	7 295	7 387	7 496	7 486
	Seasonally Adjusted—Millions of Dollars											
1987	4 442	4 431	4 468	4 498	4 542	4 460	4 557	4 676	4 642	4 609	4 639	4 599
1988	4 588	4 606	4 628	4 655	4 664	4 718	4 778	4 851	4 965	5 082	5 112	5 097
1989	5 164	5 250	5 369	5 344	5 362	5 395	5 437	5 449	5 455	5 428	5 374	5 373
1990	5 361	5 336	5 298	5 277	5 374	5 485	5 484	5 482	5 529	5 625	5 616	5 778
1991	5 789	5 839	5 809	5 813	5 842	5 794	5 754	5 722	5 637	5 578	5 701	5 662
1992	5 650	5 547	5 481	5 477	5 476	5 508	5 499	5 573	5 680	5 717	5 797	5 883
1993	5 897	5 837	5 895	5 893	5 985	5 973	6 018	6 045	6 074	6 035	6 031	5 980
1994	6 018	6 064	6 051	6 044	6 060	6 081	6 162	6 221	6 316	6 467	6 363	6 493
1995	6 550	6 712	6 788	6 914	6 923	6 944	6 997	6 965	6 995	7 070	6 985	7 022
1996	7 016	6 984	7 131	7 067	6 995	7 021	7 035	7 054	7 138	7 176	7 190	7 295
1997	7 335	7 414	7 481	7 517	7 578	7 664	7 666	7 718	7 577	7 677	7 752	7 652
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.0	–.2	.8	.7	1.0	–1.8	2.2	2.6	–.7	–.7	.7	–.9
1988	–.2	.4	.5	.6	.2	1.2	1.3	1.5	2.4	2.4	.6	–.3
1989	1.3	1.7	2.3	–.5	.3	.6	.8	.2	.1	–.5	–1.0	–
1990	–.2	–.5	–.7	–.4	1.8	2.1	–	–	.9	1.7	–.2	2.9
1991	.2	.9	–.5	.1	.5	–.8	–.7	–.6	–1.5	–1.0	2.2	–.7
1992	–.2	–1.8	–1.2	–.1	–	.6	–.2	1.3	1.9	.7	1.4	1.5
1993	.2	–1.0	1.0	–	1.6	–.2	.8	.4	.5	–.6	–.1	–.8
1994	.6	.8	–.2	–.1	.3	.3	1.3	1.0	1.5	2.4	–1.6	2.0
1995	.9	2.5	1.1	1.9	.1	.3	.8	–.5	.4	1.1	–1.2	.5
1996	–.1	–.5	2.1	–.9	–1.0	.4	.2	.3	1.2	.5	.2	1.5
1997	.5	1.1	.9	.5	.8	1.1	–	.7	–1.8	1.3	1.0	–1.3

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	OTHER NONDURABLE GOODS INDUSTRIES, TOTAL—TOTAL INVENTORIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	19 878	20 064	20 256	20 618	21 090	21 243	21 261	21 032	20 785	20 389	20 185	20 487
1988	20 835	21 283	21 862	22 753	23 514	23 761	23 826	23 978	23 609	22 848	22 460	22 280
1989	22 580	22 626	22 819	23 204	23 836	24 008	24 161	23 899	23 659	23 109	22 968	22 545
1990	23 127	23 414	23 730	23 936	24 542	24 868	25 339	25 134	24 513	23 777	23 288	23 030
1991	23 389	23 648	23 806	24 028	24 222	24 390	24 266	24 082	23 572	23 280	22 861	22 792
1992	23 397	23 464	23 811	24 383	24 661	24 842	24 971	25 034	24 745	24 113	23 317	23 233
1993	23 870	23 911	24 401	24 985	25 557	25 963	26 124	26 167	25 685	24 967	24 198	23 816
1994	24 198	24 421	24 687	25 169	25 672	26 098	26 524	26 511	26 060	25 751	25 441	25 079
1995	26 013	26 609	27 848	28 592	29 435	29 899	30 261	30 083	29 226	28 401	27 645	26 680
1996	27 436	27 526	27 148	27 465	27 594	27 822	27 736	27 262	26 350	26 079	25 577	24 564
1997	25 100	25 849	26 019	26 751	27 528	28 060	28 329	28 305	27 653	27 391	26 669	26 078
	Seasonally Adjusted—Millions of Dollars											
1987	20 415	20 441	20 437	20 366	20 465	20 431	20 483	20 458	20 624	20 807	20 998	21 394
1988	21 394	21 694	22 055	22 498	22 822	22 891	22 968	23 312	23 399	23 285	23 311	23 264
1989	23 197	23 086	23 016	22 987	23 197	23 187	23 290	23 198	23 414	23 502	23 802	23 544
1990	23 754	23 909	23 935	23 731	23 920	24 037	24 416	24 367	24 238	24 122	24 110	24 079
1991	24 056	24 173	24 006	23 832	23 670	23 613	23 358	23 300	23 273	23 557	23 676	23 889
1992	24 076	24 000	24 042	24 179	24 085	24 025	24 002	24 189	24 413	24 362	24 153	24 410
1993	24 589	24 474	24 655	24 768	24 940	25 080	25 081	25 270	25 350	25 226	25 081	25 089
1994	24 952	25 021	24 997	24 966	25 032	25 173	25 418	25 574	25 703	25 980	26 341	26 495
1995	26 876	27 273	28 249	28 388	28 710	28 842	28 965	28 986	28 804	28 603	28 568	28 233
1996	28 384	28 206	27 550	27 284	26 909	26 818	26 547	26 279	25 972	26 223	26 381	26 008
1997	25 992	26 476	26 413	26 585	26 864	27 054	27 127	27 302	27 270	27 546	27 516	27 592
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.8	.1	–	–.3	.5	–.2	.3	–.1	.8	.9	.9	1.9
1988	–	1.4	1.7	2.0	1.4	.3	.3	1.5	.4	–.5	.1	–.2
1989	–.3	–.5	–.3	–.1	.9	–	.4	–.4	.9	.4	1.3	–1.1
1990	.9	.7	.1	–.9	.8	.5	1.6	–.2	–.5	–.5	–	–.1
1991	–.1	.5	–.7	–.7	–.7	–.2	–1.1	–.2	–.1	1.2	.5	.9
1992	.8	–.3	.2	.6	–.4	–.2	–.1	.8	.9	–.2	–.9	1.1
1993	.7	–.5	.7	.5	.7	.6	–	.8	.3	–.5	–.6	–
1994	–.5	.3	–.1	–.1	.3	.6	1.0	.6	.5	1.1	1.4	.6
1995	1.4	1.5	3.6	.5	1.1	.5	.4	.1	–.8	–.7	–.1	–1.2
1996	.5	–.6	–2.3	–1.0	–1.4	–.3	–1.0	–1.0	–1.2	1.0	.6	–1.4
1997	–.1	1.9	–.2	.7	1.0	.7	.3	.6	–.1	1.0	–.1	.3
	OTHER NONDURABLE GOODS INDUSTRIES, TOTAL—MATERIALS AND SUPPLIES											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 588	7 551	7 588	7 790	7 706	7 859	7 953	8 056	7 949	7 876	7 750	7 960
1988	8 169	8 268	8 436	8 658	8 744	8 745	9 116	9 154	9 088	8 901	8 761	8 761
1989	8 935	8 989	8 995	8 979	9 110	9 127	9 384	9 272	8 992	8 892	8 726	8 467
1990	8 723	8 726	8 828	8 678	8 641	8 752	8 997	9 039	8 853	8 830	8 579	8 549
1991	8 872	8 842	8 840	8 670	8 521	8 507	8 604	8 589	8 522	8 403	8 392	8 469
1992	8 514	8 430	8 431	8 364	8 325	8 489	8 620	8 623	8 575	8 439	8 358	8 432
1993	8 495	8 533	8 745	8 975	8 980	9 347	9 435	9 502	9 348	9 250	9 134	9 137
1994	9 003	8 965	9 005	9 106	9 155	9 386	9 512	9 506	9 589	9 389	9 394	9 628
1995	9 885	10 086	10 496	10 775	11 058	11 270	11 426	11 532	11 365	11 006	10 840	10 676
1996	10 838	10 659	10 434	10 258	10 114	10 128	10 105	9 885	9 466	9 290	9 136	8 839
1997	8 688	9 000	9 004	9 108	9 212	9 478	9 500	9 403	9 337	9 251	8 874	9 162
	Seasonally Adjusted—Millions of Dollars											
1987	7 649	7 591	7 589	7 750	7 693	7 773	7 706	7 832	7 858	7 984	8 012	8 208
1988	8 226	8 307	8 437	8 616	8 735	8 674	8 847	8 901	8 990	9 008	9 016	9 011
1989	9 003	9 038	8 994	8 956	9 113	9 054	9 116	9 028	8 911	9 000	8 947	8 668
1990	8 781	8 767	8 820	8 683	8 678	8 696	8 759	8 804	8 767	8 706	8 753	8 728
1991	8 962	8 904	8 837	8 691	8 579	8 436	8 377	8 374	8 427	8 478	8 551	8 621
1992	8 600	8 506	8 450	8 376	8 368	8 392	8 398	8 412	8 470	8 507	8 513	8 577
1993	8 600	8 639	8 786	8 980	9 011	9 215	9 183	9 263	9 224	9 329	9 319	9 311
1994	9 126	9 097	9 074	9 101	9 146	9 209	9 243	9 274	9 471	9 474	9 601	9 851
1995	10 046	10 257	10 592	10 773	11 031	11 032	11 071	11 217	11 206	11 092	11 092	10 978
1996	11 031	10 843	10 515	10 252	10 070	9 892	9 788	9 629	9 342	9 370	9 367	9 088
1997	8 824	9 139	9 047	9 100	9 184	9 269	9 206	9 176	9 226	9 341	9 125	9 405
	Seasonally Adjusted—Percent Change From Previous Period											
1987	1.0	–.8	–	2.1	–.7	1.0	–.9	1.6	.3	1.6	.4	2.4
1988	.2	1.0	1.6	2.1	1.4	–.7	2.0	.6	1.0	.2	.1	–.1
1989	–.1	.4	–.5	–.4	1.8	–.6	.7	–1.0	–1.3	1.0	–.6	–3.1
1990	1.3	–.2	.6	–1.6	–.1	.2	.7	.5	–.4	–.7	.5	–.3
1991	2.7	–.6	–.8	–1.7	–1.3	–1.7	–.7	–	.6	.6	.9	.8
1992	–.2	–1.1	–.7	–.9	–.1	.3	.1	.2	.7	.4	.1	.8
1993	.3	.5	1.7	2.2	.3	2.3	–.3	.9	–.4	1.1	–.1	–.1
1994	–2.0	–.3	–.3	.3	.5	.7	.4	.3	2.1	–	1.3	2.6
1995	2.0	2.1	3.3	1.7	2.4	–	.4	1.3	–.1	–1.0	–	–1.0
1996	.5	–1.7	–3.0	–2.5	–1.8	–1.8	–1.1	–1.6	–3.0	.3	–	–3.0
1997	–2.9	3.8	–1.0	.6	.9	.9	–.7	–.3	.5	1.2	–2.3	3.1

See footnotes at end of table.

Table 5. Manufacturers' Inventories by Stage of Fabrication and Percent Changes for Major Industry Groups, End of Month: 1987-1997—Con.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	OTHER NONDURABLE GOODS INDUSTRIES, TOTAL—WORK-IN-PROCESS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	4 337	4 602	4 741	4 751	4 812	4 718	4 877	4 635	4 877	4 580	4 608	4 484
1988	4 491	4 626	4 862	4 998	5 011	4 975	4 921	5 025	4 978	4 872	4 904	4 811
1989	4 885	5 041	5 133	5 155	5 079	5 164	5 281	5 306	5 288	5 241	5 117	4 868
1990	5 008	5 143	5 185	5 368	5 279	5 137	5 374	5 502	5 276	5 136	5 068	4 888
1991	4 910	5 102	5 084	5 170	5 030	5 096	5 310	5 287	5 197	5 235	5 064	4 893
1992	5 196	5 310	5 444	5 636	5 540	5 462	5 733	5 785	5 566	5 360	5 085	4 974
1993	5 177	5 207	5 384	5 375	5 268	5 144	5 289	5 364	5 283	5 090	4 978	4 709
1994	5 021	5 026	5 197	5 319	5 304	5 323	5 586	5 818	5 585	5 497	5 534	5 025
1995	5 311	5 514	5 651	5 780	5 643	5 710	8 028	5 958	5 863	5 743	5 506	4 967
1996	5 245	5 399	5 299	5 589	5 520	5 490	5 747	5 695	5 525	5 670	5 606	4 849
1997	5 269	5 449	5 494	5 653	5 755	5 713	8 037	8 179	8 001	6 029	8 021	5 349
	Seasonally Adjusted—Millions of Dollars											
1987	4 440	4 581	4 665	4 618	4 705	4 686	4 815	4 569	4 667	4 643	4 699	4 699
1988	4 618	4 615	4 791	4 874	4 925	4 952	4 833	4 930	4 937	4 914	4 997	5 063
1989	5 036	5 056	5 074	5 031	5 008	5 149	5 149	5 168	5 230	5 276	5 227	5 141
1990	5 166	5 177	5 131	5 236	5 243	5 155	5 209	5 314	5 190	5 148	5 186	5 201
1991	5 064	5 157	5 039	5 038	5 008	5 123	5 124	5 072	5 094	5 236	5 193	5 247
1992	5 366	5 384	5 411	5 503	5 526	5 481	5 514	5 530	5 431	5 342	5 197	5 371
1993	5 350	5 294	5 366	5 255	5 240	5 147	5 078	5 126	5 146	5 064	5 071	5 122
1994	5 201	5 122	5 196	5 215	5 274	5 318	5 357	5 363	5 404	5 438	5 601	5 492
1995	5 517	5 623	5 689	5 688	5 605	5 714	5 778	5 679	5 681	5 637	5 521	5 453
1996	5 465	5 500	5 373	5 506	5 499	5 510	5 513	5 420	5 345	5 517	5 563	5 327
1997	5 494	5 542	5 612	5 615	5 746	5 744	5 796	5 872	5 805	5 843	5 941	5 877
	Seasonally Adjusted—Percent Change From Previous Period											
1987	.5	3.2	1.8	−1.0	1.9	−.4	−1.5	−1.0	2.1	−.5	1.2	–
1988	−1.7	−.1	3.8	1.7	1.0	.5	−2.4	2.0	.1	−.5	1.7	1.3
1989	−.5	.4	.4	−.8	−.5	2.8	–	.4	1.2	.9	−.9	−1.6
1990	.5	.2	−.9	2.0	.1	−1.7	1.0	2.0	−2.3	−.8	.7	.3
1991	−2.6	1.8	−2.3	–	−.8	2.3	–	−1.0	.4	2.8	−.8	1.0
1992	2.3	.3	.5	1.7	.4	−.8	.6	.3	−1.8	−1.6	−2.7	3.3
1993	−.4	−1.0	1.4	−2.1	−.3	−1.8	−1.3	.9	.4	−1.6	.1	1.0
1994	1.5	−1.5	1.4	.4	1.1	.8	.7	.1	.8	.6	3.0	−1.9
1995	.5	1.9	1.2	–	−1.5	1.9	1.1	−1.7	–	−.8	−2.1	−1.2
1996	.2	.6	−2.3	2.5	−.1	.2	.1	−1.7	−1.4	3.2	.8	−4.2
1997	3.1	.9	1.3	.1	2.3	–	.9	1.3	−1.1	.7	1.7	−1.1
	OTHER NONDURABLE GOODS INDUSTRIES, TOTAL—FINISHED GOODS											
	Not Seasonally Adjusted—Millions of Dollars											
1987	7 953	7 911	7 927	8 077	8 572	8 666	8 631	8 341	8 159	7 933	7 827	8 043
1988	8 175	8 389	8 564	9 097	9 759	10 041	9 789	9 799	9 545	9 075	8 795	8 708
1989	8 760	8 596	8 691	9 070	9 647	9 717	9 496	9 321	9 379	8 976	9 125	9 210
1990	9 396	9 545	9 717	9 890	10 622	10 979	10 968	10 593	10 384	10 011	9 641	9 593
1991	9 607	9 704	9 882	10 188	10 671	10 787	10 352	10 206	9 853	9 642	9 405	9 430
1992	9 687	9 724	9 936	10 383	10 796	10 891	10 618	10 626	10 604	10 314	9 874	9 827
1993	10 198	10 171	10 272	10 635	11 309	11 472	11 400	11 301	11 054	10 627	10 086	9 970
1994	10 174	10 430	10 485	10 744	11 213	11 389	11 426	11 387	10 906	10 865	10 513	10 426
1995	10 817	11 009	11 701	12 037	12 734	12 919	12 807	12 593	11 998	11 652	11 299	11 037
1996	11 353	11 468	11 415	11 638	11 960	12 204	11 884	11 682	11 359	11 119	10 835	10 876
1997	11 143	11 400	11 521	11 990	12 561	12 869	12 792	12 723	12 315	12 111	11 774	11 567
	Seasonally Adjusted—Millions of Dollars											
1987	8 326	8 269	8 183	7 998	8 067	7 972	8 162	8 057	8 099	8 180	8 287	8 487
1988	8 550	8 772	8 827	9 008	9 162	9 265	9 288	9 481	9 472	9 363	9 298	9 190
1989	9 158	8 992	8 948	9 000	9 076	8 984	9 025	9 002	9 273	9 226	9 628	9 735
1990	9 807	9 965	9 984	9 812	9 999	10 186	10 448	10 249	10 281	10 268	10 171	10 150
1991	10 030	10 112	10 130	10 103	10 083	10 054	9 857	9 854	9 752	9 843	9 932	10 021
1992	10 110	10 110	10 181	10 300	10 191	10 152	10 090	10 247	10 512	10 513	10 443	10 462
1993	10 639	10 541	10 503	10 533	10 689	10 718	10 820	10 881	10 980	10 833	10 691	10 656
1994	10 625	10 802	10 727	10 650	10 612	10 646	10 818	10 937	10 828	11 068	11 139	11 152
1995	11 313	11 393	11 968	11 927	12 074	12 096	12 116	12 090	11 917	11 874	11 955	11 804
1996	11 888	11 883	11 662	11 526	11 340	11 416	11 246	11 230	11 285	11 336	11 451	11 593
1997	11 674	11 795	11 754	11 870	11 934	12 041	12 125	12 254	12 239	12 362	12 450	12 310
	Seasonally Adjusted—Percent Change From Previous Period											
1987	3.2	−.7	−1.0	−2.3	.9	−1.2	2.4	−1.3	.5	1.0	1.3	2.4
1988	.7	2.6	.6	2.1	1.7	1.1	.2	2.1	−.1	−1.2	−.7	−1.2
1989	−.3	−1.8	−.5	.6	.8	−1.0	.5	−.3	3.0	−.5	4.4	1.1
1990	.7	1.6	.2	−1.7	1.9	1.9	2.6	−1.9	.3	−.1	−.9	−.2
1991	−1.2	.8	.2	−.3	−.2	−.3	−2.0	–	−1.0	.9	.9	.9
1992	.9	–	.7	1.2	−1.1	−.4	−.6	1.6	2.8	–	−.7	.2
1993	1.7	−.9	−.4	.3	1.5	.3	1.0	.6	.9	−1.3	−1.3	−.3
1994	−.3	1.7	−.7	−.7	−.4	.3	1.6	1.1	−1.0	2.2	.6	.1
1995	1.4	.7	5.0	−.3	1.2	.2	.2	−.2	−1.4	−.4	.7	−1.3
1996	.7	−.2	−1.7	−1.2	−1.6	.7	−1.5	−.1	.5	.5	1.0	1.2
1997	.7	1.0	−.3	1.0	.5	.9	.7	1.1	−.1	1.0	.7	−1.1

Note: Data in this table may differ from annual data at the aggregate level shown in appendix D, table 1 because of independent rounding.

– Represents no change. (X) Not applicable.

Table 6. Ratio of Manufacturers' Inventories to Shipments by Major Industry Groups, by Month: 1987-1997

[Based on seasonally adjusted data]

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—INVENTORY/SHIPMENTS											
1987	1.65	1.60	1.59	1.60	1.61	1.59	1.57	1.61	1.57	1.57	1.58	1.58
1988	1.59	1.59	1.57	1.57	1.58	1.56	1.57	1.57	1.57	1.58	1.58	1.56
1989	1.56	1.58	1.60	1.59	1.61	1.63	1.68	1.64	1.85	1.67	1.86	1.65
1990	1.69	1.64	1.83	1.66	1.64	1.63	1.65	1.62	1.64	1.63	1.67	1.70
1991	1.70	1.71	1.75	1.69	1.65	1.66	1.62	1.61	1.61	1.59	1.59	1.65
1992	1.61	1.59	1.57	1.54	1.56	1.52	1.51	1.56	1.53	1.52	1.51	1.47
1993	1.49	1.47	1.46	1.48	1.49	1.47	1.50	1.50	1.47	1.47	1.45	1.44
1994	1.44	1.44	1.41	1.43	1.42	1.41	1.43	1.39	1.40	1.41	1.38	1.38
1995	1.38	1.39	1.39	1.42	1.42	1.41	1.45	1.41	1.42	1.42	1.42	1.42
1996	1.44	1.43	1.44	1.41	1.38	1.40	1.39	1.39	1.39	1.39	1.38	1.39
1997	1.37	1.37	1.38	1.37	1.39	1.37	1.38	1.38	1.36	1.37	1.38	1.38
	Durable Goods Industries, Total—Inventory/Shipments											
1987	2.05	1.98	1.97	2.00	2.02	1.99	1.96	2.02	1.96	1.96	1.96	1.98
1988	1.99	1.98	1.94	1.95	1.95	1.93	1.94	1.96	1.94	1.95	1.96	1.93
1989	1.94	1.99	2.03	2.01	2.05	2.08	2.16	2.06	2.07	2.13	2.11	2.10
1990	2.21	2.08	2.06	2.13	2.07	2.06	2.08	2.07	2.13	2.10	2.20	2.23
1991	2.22	2.23	2.31	2.16	2.11	2.13	2.05	2.04	2.03	1.99	2.00	2.11
1992	2.02	1.97	1.95	1.91	1.92	1.88	1.86	1.90	1.88	1.85	1.83	1.77
1993	1.80	1.77	1.75	1.78	1.78	1.76	1.81	1.78	1.75	1.73	1.70	1.67
1994	1.69	1.68	1.66	1.67	1.66	1.65	1.67	1.62	1.65	1.65	1.61	1.61
1995	1.60	1.62	1.61	1.66	1.85	1.64	1.70	1.63	1.64	1.65	1.64	1.84
1996	1.68	1.68	1.69	1.64	1.60	1.62	1.63	1.62	1.60	1.62	1.60	1.62
1997	1.60	1.59	1.58	1.57	1.60	1.57	1.55	1.58	1.54	1.56	1.58	1.54
	Stone, Clay, and Glass Products, Total—Inventory/Shipments											
1987	1.43	1.38	1.39	1.39	1.42	1.46	1.40	1.50	1.40	1.27	1.38	1.37
1988	1.41	1.38	1.37	1.38	1.39	1.39	1.41	1.39	1.39	1.42	1.37	1.37
1989	1.37	1.42	1.48	1.41	1.47	1.46	1.53	1.49	1.51	1.47	1.48	1.45
1990	1.42	1.41	1.41	1.46	1.44	1.46	1.48	1.48	1.54	1.56	1.57	1.82
1991	1.65	1.68	1.69	1.64	1.60	1.58	1.52	1.55	1.55	1.57	1.59	1.65
1992	1.58	1.61	1.54	1.55	1.53	1.51	1.46	1.51	1.48	1.47	1.55	1.54
1993	1.59	1.50	1.52	1.46	1.46	1.43	1.46	1.43	1.31	1.37	1.33	1.32
1994	1.37	1.36	1.27	1.28	1.29	1.25	1.30	1.28	1.27	1.30	1.26	1.25
1995	1.26	1.26	1.30	1.42	1.37	1.37	1.40	1.36	1.37	1.35	1.32	1.31
1996	1.27	1.34	1.30	1.28	1.22	1.23	1.23	1.24	1.25	1.21	1.23	1.31
1997	1.25	1.22	1.22	1.20	1.21	1.22	1.17	1.19	1.18	1.16	1.19	1.18
	Primary Metal Industries, Total—Inventory/Shipments											
1987	2.13	1.98	1.95	1.92	1.87	1.82	1.74	1.79	1.72	1.72	1.65	1.58
1988	1.72	1.74	1.67	1.69	1.66	1.59	1.67	1.66	1.65	1.68	1.65	1.65
1989	1.66	1.70	1.73	1.75	1.80	1.80	1.85	1.83	1.84	1.85	1.88	1.91
1990	1.86	1.86	1.80	1.82	1.80	1.81	1.77	1.80	1.85	1.79	1.86	1.88
1991	1.89	1.98	2.08	1.95	1.93	1.96	1.87	1.84	1.82	1.80	1.83	1.87
1992	1.79	1.76	1.81	1.76	1.75	1.75	1.73	1.77	1.78	1.76	1.74	1.74
1993	1.70	1.69	1.68	1.68	1.72	1.64	1.72	1.71	1.66	1.69	1.63	1.62
1994	1.65	1.62	1.61	1.61	1.58	1.57	1.60	1.54	1.55	1.56	1.54	1.46
1995	1.49	1.53	1.51	1.59	1.57	1.59	1.66	1.61	1.62	1.62	1.63	1.62
1996	1.65	1.65	1.65	1.62	1.59	1.66	1.60	1.60	1.63	1.60	1.58	1.59
1997	1.55	1.55	1.57	1.53	1.56	1.54	1.54	1.56	1.53	1.54	1.55	1.57
	Fabricated Metal Products, Total—Inventory/Shipments											
1987	1.86	1.77	1.80	1.80	1.84	1.80	1.78	1.83	1.84	1.89	1.82	1.84
1988	1.82	1.81	1.79	1.81	1.79	1.72	1.80	1.84	1.84	1.84	1.81	1.80
1989	1.79	1.81	1.84	1.85	1.89	1.90	1.94	1.90	1.90	1.90	1.90	1.89
1990	1.95	1.87	1.83	1.86	1.78	1.81	1.80	1.83	1.83	1.84	1.93	1.87
1991	1.91	1.95	1.95	1.89	1.86	1.84	1.80	1.77	1.77	1.72	1.74	1.80
1992	1.80	1.77	1.79	1.75	1.78	1.73	1.74	1.76	1.73	1.72	1.72	1.63
1993	1.68	1.66	1.64	1.65	1.65	1.61	1.66	1.67	1.64	1.62	1.59	1.55
1994	1.56	1.57	1.50	1.53	1.54	1.54	1.57	1.54	1.54	1.57	1.53	1.56
1995	1.51	1.55	1.57	1.62	1.62	1.63	1.63	1.60	1.60	1.59	1.59	1.56
1996	1.56	1.59	1.59	1.53	1.49	1.51	1.53	1.51	1.52	1.53	1.52	1.56
1997	1.54	1.53	1.57	1.52	1.56	1.55	1.54	1.53	1.52	1.53	1.55	1.53
	Industrial Machinery and Equipment, Total—Inventory/Shipments											
1987	2.38	2.39	2.42	2.39	2.41	2.38	2.25	2.36	2.25	2.24	2.28	2.25
1988	2.25	2.25	2.23	2.22	2.21	2.22	2.21	2.19	2.22	2.25	2.26	2.28
1989	2.30	2.28	2.33	2.29	2.28	2.28	2.37	2.33	2.35	2.37	2.35	2.35
1990	2.34	2.34	2.27	2.36	2.34	2.36	2.35	2.28	2.31	2.24	2.32	2.32
1991	2.39	2.41	2.48	2.41	2.42	2.39	2.38	2.38	2.36	2.29	2.30	2.38
1992	2.26	2.28	2.22	2.18	2.23	2.12	2.14	2.18	2.20	2.17	2.17	2.09
1993	2.06	2.08	2.01	2.07	2.05	2.09	2.06	2.08	2.02	2.05	1.97	1.95
1994	2.04	1.98	2.00	1.99	1.96	1.99	1.95	1.93	1.96	1.92	1.93	1.92
1995	1.95	1.91	1.94	1.90	1.90	1.94	1.96	1.91	1.92	1.90	1.91	1.91
1996	1.96	1.87	1.91	1.93	1.89	1.86	1.88	1.85	1.82	1.83	1.83	1.77
1997	1.80	1.80	1.78	1.76	1.78	1.73	1.70	1.75	1.89	1.71	1.75	1.69
	Electronic and Other Electrical Equipment, Total—Inventory/Shipments											
1987	2.10	2.07	2.07	2.07	2.09	2.03	2.00	2.02	2.01	2.02	2.00	2.01
1988	1.98	1.97	1.95	1.98	1.94	1.92	1.94	1.92	1.90	1.95	1.98	1.98
1989	1.92	2.00	1.98	1.96	1.98	2.01	2.05	2.01	2.05	2.08	2.08	2.09
1990	2.08	2.03	2.05	2.08	2.02	2.03	2.04	2.03	2.07	2.02	2.06	2.07
1991	2.02	2.01	2.02	1.98	1.92	1.91	1.92	1.88	1.87	1.86	1.81	1.82
1992	1.79	1.80	1.77	1.74	1.72	1.75	1.64	1.73	1.67	1.62	1.66	1.62
1993	1.69	1.64	1.64	1.65	1.66	1.60	1.63	1.61	1.58	1.60	1.58	1.57
1994	1.53	1.53	1.55	1.51	1.53	1.52	1.52	1.52	1.55	1.54	1.51	1.55
1995	1.52	1.57	1.54	1.56	1.53	1.50	1.54	1.49	1.50	1.53	1.49	1.50
1996	1.53	1.51	1.48	1.49	1.48	1.48	1.48	1.48	1.47	1.45	1.41	1.44
1997	1.44	1.39	1.32	1.39	1.39	1.35	1.38	1.35	1.30	1.34	1.35	1.33

Table 6. Ratio of Manufacturers' Inventories to Shipments by Major Industry Groups, by Month: 1987-1997—Con.

[Based on seasonally adjusted data]

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—INVENTORY/SHIPMENTS—Con.											
	Durable Goods Industries, Total—Inventory/Shipments—Con.											
	Transportation Equipment, Total—Inventory/Shipments											
1987	1.98	1.88	1.83	1.94	1.95	1.96	2.01	2.10	1.98	1.99	2.03	2.07
1988	2.04	2.04	1.99	2.04	2.02	2.06	2.03	2.06	2.03	1.99	2.04	1.95
1989	1.98	2.06	2.15	2.09	2.19	2.28	2.43	2.17	2.16	2.40	2.28	2.27
1990	2.86	2.31	2.27	2.42	2.32	2.20	2.32	2.29	2.42	2.44	2.71	2.87
1991	2.75	2.71	2.93	2.54	2.42	2.49	2.26	2.30	2.24	2.20	2.21	2.51
1992	2.33	2.15	2.13	2.07	2.05	2.02	1.98	2.02	2.04	1.94	1.85	1.77
1993	1.83	1.80	1.78	1.80	1.83	1.79	1.97	1.88	1.85	1.72	1.75	1.68
1994	1.65	1.67	1.59	1.66	1.68	1.59	1.68	1.55	1.60	1.64	1.55	1.55
1995	1.55	1.53	1.51	1.60	1.82	1.58	1.87	1.58	1.53	1.57	1.55	1.54
1996	1.64	1.61	1.74	1.60	1.52	1.80	1.81	1.59	1.55	1.68	1.83	1.87
1997	1.62	1.65	1.66	1.62	1.69	1.65	1.58	1.66	1.64	1.87	1.64	1.59
	Instruments and Related Products, Total—Inventory/Shipments											
1987	2.67	2.58	2.51	2.55	2.58	2.54	2.53	2.55	2.51	2.58	2.57	2.57
1988	2.66	2.59	2.49	2.42	2.52	2.38	2.36	2.44	2.34	2.45	2.47	2.44
1989	2.52	2.60	2.65	2.76	2.68	2.77	2.78	2.69	2.67	2.67	2.85	2.52
1990	2.54	2.56	2.82	2.60	2.50	2.57	2.50	2.52	2.54	2.49	2.50	2.49
1991	2.44	2.43	2.48	2.33	2.34	2.37	2.32	2.28	2.34	2.26	2.24	2.35
1992	2.34	2.30	2.24	2.22	2.27	2.20	2.28	2.27	2.18	2.21	2.18	2.13
1993	2.18	2.16	2.13	2.17	2.14	2.10	2.09	2.07	2.05	2.07	1.98	2.00
1994	2.01	2.03	2.04	1.99	2.00	2.00	1.99	1.97	1.96	1.98	1.97	1.94
1995	1.89	1.93	1.92	1.98	1.91	1.99	2.06	1.95	2.01	2.04	2.01	2.00
1996	2.04	2.03	2.05	2.07	1.99	2.01	2.01	2.00	2.05	2.05	1.95	1.97
1997	1.99	1.91	1.92	1.91	1.96	1.89	1.88	1.93	1.83	1.84	1.91	1.64
	Nondurable Goods Industries, Total—Inventory/Shipments											
1987	1.19	1.17	1.17	1.16	1.17	1.15	1.14	1.16	1.15	1.15	1.15	1.16
1988	1.15	1.16	1.15	1.15	1.16	1.15	1.15	1.15	1.16	1.17	1.16	1.14
1989	1.13	1.13	1.14	1.14	1.14	1.15	1.18	1.18	1.18	1.18	1.19	1.17
1990	1.18	1.17	1.16	1.16	1.17	1.17	1.18	1.14	1.15	1.14	1.15	1.18
1991	1.19	1.20	1.21	1.20	1.18	1.19	1.18	1.17	1.17	1.16	1.17	1.19
1992	1.18	1.19	1.18	1.16	1.17	1.15	1.15	1.20	1.16	1.18	1.18	1.15
1993	1.16	1.15	1.15	1.17	1.18	1.18	1.17	1.18	1.17	1.17	1.17	1.17
1994	1.16	1.15	1.14	1.15	1.14	1.13	1.15	1.12	1.12	1.13	1.12	1.10
1995	1.12	1.12	1.13	1.15	1.15	1.15	1.17	1.15	1.16	1.16	1.16	1.16
1996	1.17	1.17	1.16	1.14	1.13	1.14	1.12	1.12	1.13	1.12	1.12	1.13
1997	1.11	1.12	1.13	1.12	1.13	1.14	1.12	1.13	1.13	1.13	1.14	1.13
	Food and Kindred Products, Total—Inventory/Shipments											
1987	.89	.88	.89	.88	.91	.90	.88	.89	.89	.89	.89	.89
1988	.87	.89	.88	.88	.89	.88	.86	.88	.87	.88	.88	.89
1989	.86	.86	.86	.88	.86	.88	.90	.87	.89	.88	.88	.90
1990	.88	.89	.88	.90	.89	.89	.90	.90	.92	.90	.90	.90
1991	.92	.91	.91	.91	.89	.89	.88	.88	.90	.90	.90	.90
1992	.91	.90	.90	.87	.89	.91	.91	.92	.90	.91	.90	.91
1993	.90	.90	.89	.88	.91	.89	.88	.87	.87	.88	.88	.88
1994	.89	.87	.87	.91	.91	.89	.92	.90	.90	.90	.89	.85
1995	.90	.90	.90	.90	.91	.90	.91	.89	.89	.90	.90	.90
1996	.90	.92	.92	.92	.91	.93	.91	.91	.92	.90	.91	.93
1997	.91	.92	.92	.92	.92	.93	.92	.92	.93	.93	.93	.92
	Tobacco Products—Inventory/Shipments											
1987	3.93	3.32	3.41	3.48	3.31	3.23	3.17	3.16	2.91	3.19	2.87	2.80
1988	3.08	2.93	2.79	2.84	2.57	2.74	2.72	2.74	2.50	2.72	2.58	2.53
1989	2.46	2.49	2.37	2.25	2.54	2.52	2.72	2.59	2.54	2.37	2.60	2.46
1990	2.42	2.41	2.50	1.94	2.27	2.56	2.29	2.18	2.36	2.14	2.14	2.83
1991	2.48	2.54	2.44	2.52	2.24	2.34	2.60	2.45	2.31	2.26	2.06	2.38
1992	2.48	2.44	2.24	2.55	2.67	1.63	2.24	3.34	1.76	2.56	2.36	1.90
1993	2.61	2.71	2.27	3.10	2.78	2.66	2.71	4.16	2.76	3.09	3.15	2.57
1994	2.19	2.19	2.95	2.11	2.54	2.67	2.47	2.24	2.39	2.13	2.25	2.25
1995	2.12	2.08	2.16	1.93	1.92	2.06	2.05	2.13	2.22	2.08	1.96	2.09
1996	2.06	2.05	2.04	1.94	2.04	1.97	1.85	1.88	2.00	1.95	2.08	1.95
1997	1.72	2.02	1.83	1.87	1.84	1.80	1.80	1.81	1.69	1.73	1.73	1.78
	Textile Mill Products, Total—Inventory/Shipments											
1987	1.47	1.45	1.47	1.47	1.45	1.42	1.40	1.46	1.46	1.48	1.49	1.53
1988	1.53	1.52	1.52	1.50	1.52	1.54	1.57	1.56	1.50	1.60	1.54	1.43
1989	1.44	1.44	1.45	1.49	1.51	1.53	1.55	1.54	1.56	1.56	1.53	1.64
1990	1.54	1.55	1.56	1.59	1.58	1.62	1.65	1.63	1.69	1.68	1.66	1.66
1991	1.71	1.71	1.67	1.61	1.58	1.55	1.51	1.50	1.51	1.47	1.48	1.50
1992	1.49	1.50	1.47	1.44	1.47	1.46	1.46	1.49	1.46	1.48	1.48	1.42
1993	1.38	1.42	1.48	1.45	1.46	1.45	1.44	1.44	1.48	1.45	1.47	1.50
1994	1.53	1.49	1.49	1.49	1.48	1.46	1.48	1.46	1.46	1.46	1.48	1.44
1995	1.45	1.48	1.48	1.51	1.52	1.54	1.57	1.54	1.55	1.58	1.57	1.58
1996	1.62	1.56	1.53	1.54	1.50	1.42	1.47	1.49	1.47	1.48	1.47	1.44
1997	1.45	1.41	1.43	1.43	1.44	1.48	1.42	1.46	1.45	1.46	1.44	1.45
	Paper and Allied Products, Total—Inventory/Shipments											
1987	1.22	1.19	1.22	1.22	1.23	1.21	1.16	1.21	1.18	1.17	1.16	1.16
1988	1.18	1.15	1.15	1.14	1.13	1.13	1.14	1.14	1.15	1.16	1.16	1.14
1989	1.13	1.13	1.13	1.13	1.15	1.17	1.20	1.24	1.23	1.22	1.22	1.25
1990	1.24	1.23	1.21	1.22	1.21	1.25	1.23	1.21	1.23	1.21	1.22	1.25
1991	1.27	1.28	1.32	1.29	1.29	1.25	1.24	1.22	1.22	1.23	1.26	1.26

Table 6. Ratio of Manufacturers' Inventories to Shipments by Major Industry Groups, by Month: 1987-1997—Con.

[Based on saasonally adjusted data]

Year	January	February	March	April	May	Juna	July	August	Septambar	October	Novamber	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—INVENTORY/SHIPMENTS—Con.											
	Nondurable Goods Industries, Total—Inventory/Shipments—Con.											
	Paper and Allied Products, Total—Inventory/Shipments—Con.											
1992	1.27	1.26	1.26	1.26	1.29	1.26	1.24	1.26	1.27	1.28	1.30	1.24
1993	1.27	1.28	1.27	1.27	1.27	1.27	1.26	1.29	1.24	1.27	1.25	1.25
1994	1.26	1.24	1.23	1.24	1.22	1.21	1.20	1.16	1.15	1.13	1.11	1.10
1995	1.07	1.06	1.07	1.09	1.08	1.10	1.15	1.13	1.17	1.20	1.20	1.23
1996	1.25	1.25	1.27	1.25	1.23	1.24	1.22	1.24	1.25	1.24	1.23	1.22
1997	1.21	1.20	1.23	1.17	1.20	1.18	1.17	1.18	1.17	1.14	1.16	1.13
	Chemicals and Allied Products, Total—Inventory/Shipments											
1987	1.43	1.40	1.39	1.38	1.33	1.32	1.34	1.33	1.31	1.32	1.31	1.31
1988	1.33	1.33	1.29	1.29	1.31	1.29	1.30	1.27	1.30	1.28	1.27	1.27
1989	1.27	1.29	1.32	1.32	1.32	1.33	1.34	1.37	1.38	1.38	1.38	1.33
1990	1.33	1.35	1.32	1.34	1.35	1.34	1.38	1.30	1.31	1.32	1.32	1.36
1991	1.35	1.38	1.44	1.38	1.35	1.41	1.38	1.37	1.36	1.34	1.39	1.40
1992	1.35	1.39	1.39	1.37	1.36	1.35	1.34	1.38	1.38	1.40	1.41	1.36
1993	1.38	1.35	1.35	1.36	1.40	1.34	1.37	1.40	1.39	1.39	1.36	1.36
1994	1.36	1.37	1.31	1.32	1.31	1.30	1.34	1.28	1.26	1.28	1.26	1.25
1995	1.25	1.25	1.25	1.31	1.30	1.29	1.30	1.29	1.32	1.31	1.31	1.33
1996	1.33	1.34	1.38	1.34	1.30	1.33	1.29	1.30	1.32	1.29	1.29	1.32
1997	1.28	1.28	1.31	1.28	1.29	1.30	1.30	1.32	1.32	1.34	1.37	1.34
	Petroleum and Coal Products, Total—Inventory/Shipments											
1987	.90	.88	.89	.87	.86	.84	.81	.89	.88	.87	.90	.91
1988	.90	.89	.89	.90	.90	.88	.87	.85	.90	.89	.85	.84
1989	.86	.85	.83	.82	.84	.85	.89	.91	.88	.89	.90	.85
1990	.85	.88	.91	.91	.91	.88	.91	.77	.78	.78	.81	.87
1991	.84	.90	.90	.90	.89	.92	.92	.91	.93	.94	.93	.94
1992	.95	.93	.92	.90	.91	.90	.90	.92	.93	.92	.90	.90
1993	.89	.88	.88	.93	.92	.92	.92	.94	.93	.92	.94	.95
1994	.91	.92	.90	.90	.91	.89	.90	.87	.90	.94	.89	.89
1995	.91	.89	.91	.88	.89	.90	.90	.89	.91	.91	.89	.89
1996	.87	.87	.85	.80	.82	.84	.85	.84	.83	.81	.80	.81
1997	.82	.83	.86	.87	.88	.87	.84	.83	.85	.86	.88	.88
	Rubber and Miscellaneous Plastics Products, Total—Inventory/Shipments											
1987	1.35	1.29	1.28	1.32	1.34	1.34	1.37	1.42	1.38	1.33	1.31	1.36
1988	1.34	1.33	1.33	1.35	1.34	1.37	1.38	1.35	1.38	1.37	1.36	1.33
1989	1.32	1.36	1.43	1.37	1.36	1.36	1.39	1.41	1.43	1.45	1.43	1.35
1990	1.39	1.36	1.26	1.31	1.36	1.32	1.29	1.31	1.34	1.35	1.40	1.43
1991	1.43	1.44	1.47	1.42	1.40	1.40	1.35	1.34	1.32	1.30	1.35	1.36
1992	1.31	1.29	1.27	1.26	1.28	1.27	1.24	1.28	1.29	1.28	1.29	1.27
1993	1.25	1.21	1.24	1.28	1.26	1.23	1.26	1.25	1.23	1.23	1.21	1.21
1994	1.23	1.21	1.18	1.18	1.17	1.16	1.20	1.17	1.19	1.20	1.16	1.17
1995	1.19	1.23	1.24	1.27	1.27	1.28	1.32	1.25	1.25	1.25	1.23	1.25
1996	1.28	1.24	1.23	1.21	1.19	1.20	1.20	1.21	1.23	1.24	1.23	1.26
1997	1.23	1.23	1.25	1.21	1.27	1.27	1.25	1.27	1.24	1.23	1.26	1.22

Table 7. Ratio of Manufacturers' Unfilled Orders to Shipments by Major Industry Groups, by Month: 1987-1997

[Based on seasonally adjusted data]

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—UNFILLED ORDERS/SHIPMENTS											
1987	3.64	3.55	3.54	3.60	3.66	3.64	3.63	3.74	3.63	3.65	3.65	3.63
1988	3.67	3.69	3.62	3.63	3.62	3.60	3.63	3.64	3.59	3.65	3.64	3.64
1989	3.66	3.71	3.78	3.77	3.77	3.82	3.92	3.80	3.81	3.87	3.89	3.96
1990	3.99	3.88	3.91	3.99	3.92	3.94	3.96	3.93	4.03	4.01	4.07	4.15
1991	4.14	4.17	4.28	4.10	4.06	4.06	4.05	4.03	4.00	3.92	3.93	4.08
1992	3.95	3.88	3.84	3.78	3.80	3.72	3.65	3.72	3.65	3.60	3.58	3.51
1993	3.59	3.54	3.46	3.48	3.45	3.38	3.44	3.37	3.28	3.23	3.18	3.14
1994	3.17	3.15	3.10	3.11	3.08	3.05	3.05	2.95	2.98	2.98	2.91	2.92
1995	2.87	2.89	2.88	2.90	2.86	2.82	2.88	2.79	2.81	2.81	2.79	2.81
1996	2.91	2.89	2.94	2.90	2.86	2.90	2.93	2.89	2.90	2.95	2.90	2.93
1997	2.94	2.90	2.89	2.85	2.87	2.82	2.78	2.84	2.77	2.80	2.85	2.80
	Durable Goods Industries, Total—Unfilled Orders/Shipments											
1987	4.48	4.36	4.33	4.40	4.49	4.48	4.45	4.59	4.43	4.47	4.45	4.43
1988	4.50	4.50	4.42	4.45	4.42	4.38	4.43	4.44	4.37	4.45	4.44	4.46
1989	4.47	4.57	4.64	4.64	4.65	4.71	4.84	4.66	4.68	4.78	4.81	4.85
1990	4.94	4.78	4.82	4.94	4.83	4.85	4.88	4.84	4.98	4.94	5.04	5.15
1991	5.13	5.17	5.33	5.06	5.00	5.01	4.99	4.96	4.92	4.81	4.82	5.07
1992	4.86	4.77	4.71	4.65	4.68	4.58	4.49	4.56	4.48	4.42	4.39	4.30
1993	4.41	4.34	4.22	4.26	4.22	4.11	4.23	4.10	3.99	3.94	3.86	3.80
1994	3.83	3.81	3.73	3.74	3.71	3.68	3.68	3.55	3.59	3.58	3.50	3.50
1995	3.44	3.48	3.47	3.50	3.45	3.41	3.49	3.36	3.38	3.39	3.36	3.38
1996	3.50	3.48	3.55	3.50	3.42	3.48	3.52	3.46	3.47	3.51	3.45	3.49
1997	3.50	3.46	3.42	3.36	3.41	3.34	3.29	3.36	3.27	3.32	3.39	3.33
	Stone, Clay, and Glass Products, Total—Unfilled Orders/Shipments											
1987	1.17	1.12	1.15	1.15	1.16	1.18	1.14	1.24	1.16	1.03	1.11	1.08
1988	1.16	1.14	1.13	1.16	1.16	1.20	1.22	1.20	1.18	1.19	1.18	1.14
1989	1.14	1.17	1.20	1.11	1.15	1.12	1.12	1.05	1.07	1.05	1.08	1.08
1990	1.05	1.03	1.00	1.06	1.02	1.04	1.04	1.06	1.12	1.14	1.12	1.16
1991	1.17	1.21	1.28	1.28	1.29	1.33	1.32	1.38	1.42	1.51	1.49	1.55
1992	1.50	1.48	1.43	1.46	1.44	1.45	1.41	1.41	1.36	1.33	1.38	1.31
1993	1.36	1.34	1.40	1.35	1.39	1.34	1.39	1.39	1.26	1.30	1.25	1.23
1994	1.26	1.28	1.17	1.23	1.26	1.20	1.24	1.20	1.19	1.22	1.19	1.17
1995	1.21	1.20	1.19	1.23	1.16	1.14	1.19	1.19	1.19	1.16	1.15	1.14
1996	1.11	1.17	1.13	1.10	1.03	1.02	.99	.98	1.02	.95	.95	1.05
1997	.99	.95	.96	.95	.94	.95	.90	.89	.87	.88	.88	.87
	Primary Metal Industries, Total—Unfilled Orders/Shipments											
1987	2.13	2.01	2.07	2.11	2.14	2.17	2.10	2.18	2.15	2.19	2.09	2.02
1988	2.18	2.22	2.11	2.12	2.09	2.01	2.11	2.07	2.03	2.06	1.99	1.99
1989	2.01	2.06	2.04	2.06	2.09	2.05	2.04	1.98	1.97	1.93	1.94	2.02
1990	2.00	2.00	2.00	2.05	2.07	2.06	2.00	2.01	2.06	2.03	2.09	2.04
1991	1.98	2.00	2.04	1.92	1.93	1.99	2.00	2.04	2.03	2.01	2.05	2.08
1992	1.94	1.92	1.92	1.87	1.85	1.88	1.88	1.92	1.86	1.82	1.80	1.88
1993	1.94	1.99	2.00	2.02	2.05	1.93	2.01	1.95	1.89	1.94	1.88	1.85
1994	1.91	1.88	1.97	1.99	2.00	2.01	2.04	1.95	2.01	2.05	2.01	1.92
1995	1.95	1.97	1.92	1.96	1.89	1.85	1.87	1.83	1.85	1.86	1.88	1.89
1996	1.92	1.96	1.91	1.90	1.90	2.03	2.01	2.05	2.07	2.03	1.97	1.97
1997	1.94	1.94	1.97	1.97	2.05	2.03	2.07	2.11	2.17	2.18	2.23	2.24
	Fabricated Metal Products, Total—Unfilled Orders/Shipments											
1987	2.74	2.57	2.60	2.61	2.71	2.74	2.71	2.82	2.86	2.96	2.87	2.89
1988	2.78	2.75	2.73	2.71	2.67	2.55	2.65	2.64	2.60	2.58	2.49	2.46
1989	2.39	2.44	2.43	2.40	2.40	2.45	2.41	2.27	2.23	2.27	2.24	2.25
1990	2.27	2.16	2.12	2.16	2.05	2.08	2.10	2.10	2.15	2.09	2.18	2.11
1991	2.17	2.18	2.19	2.15	2.17	2.12	2.10	2.04	2.02	1.93	1.93	2.00
1992	1.99	1.97	1.96	1.90	1.87	1.87	1.77	1.76	1.79	1.82	1.83	1.75
1993	1.82	1.79	1.72	1.73	1.70	1.63	1.66	1.64	1.59	1.55	1.48	1.45
1994	1.43	1.42	1.42	1.43	1.44	1.45	1.45	1.42	1.41	1.41	1.37	1.40
1995	1.35	1.38	1.38	1.42	1.42	1.43	1.42	1.39	1.40	1.38	1.41	1.38
1996	1.37	1.39	1.41	1.35	1.34	1.38	1.38	1.36	1.40	1.41	1.39	1.44
1997	1.41	1.42	1.45	1.42	1.46	1.46	1.46	1.46	1.45	1.47	1.49	1.47
	Industrial Machinery and Equipment, Total—Unfilled Orders/Shipments											
1987	2.85	2.90	2.93	2.90	2.97	2.98	2.86	2.99	2.90	2.89	2.91	2.87
1988	2.91	2.90	2.89	2.89	2.88	2.88	2.87	2.88	2.90	2.92	2.95	2.91
1989	2.90	2.93	2.99	2.96	2.93	2.96	3.04	2.97	3.01	2.98	2.97	2.88
1990	2.89	2.90	2.84	2.92	2.91	2.93	3.00	2.87	2.96	2.85	2.93	2.92
1991	2.99	2.95	3.01	2.90	2.92	2.89	2.87	2.87	2.89	2.76	2.77	2.86
1992	2.77	2.80	2.72	2.67	2.70	2.58	2.60	2.62	2.64	2.62	2.59	2.53
1993	2.54	2.58	2.46	2.53	2.49	2.47	2.41	2.44	2.35	2.34	2.29	2.26
1994	2.37	2.33	2.39	2.42	2.42	2.48	2.46	2.47	2.54	2.54	2.58	2.53
1995	2.56	2.55	2.62	2.57	2.53	2.61	2.61	2.53	2.51	2.46	2.48	2.43
1996	2.49	2.41	2.44	2.45	2.44	2.42	2.48	2.44	2.41	2.43	2.42	2.36
1997	2.40	2.42	2.40	2.36	2.37	2.26	2.24	2.30	2.24	2.24	2.27	2.18
	Electronic and Other Electrical Equipment, Total—Unfilled Orders/ Shipments											
1987	3.07	3.01	2.98	2.99	3.03	2.97	2.97	3.00	2.99	3.01	2.98	3.02
1988	3.01	3.00	3.01	3.05	3.00	2.97	2.99	2.94	2.91	2.98	2.97	2.93
1989	2.80	2.86	2.80	2.71	2.68	2.74	2.78	2.67	2.74	2.75	2.74	2.77
1990	2.76	2.68	2.71	2.73	2.67	2.73	2.71	2.74	2.76	2.70	2.70	2.79
1991	2.71	2.80	2.79	2.76	2.68	2.62	2.65	2.58	2.55	2.53	2.47	2.53

See footnote at end of table.

Table 7. Ratio of Manufacturers' Unfilled Orders to Shipments by Major Industry Groups, by Month: 1987-1997—Con.

[Based on seasonally adjusted data]

Year	January	February	March	April	May	June	July	August	September	October	November	December
	ALL MANUFACTURING INDUSTRIES, TOTAL—UNFILLED ORDERS/SHIPMENTS—Con.											
	Durable Goods Industries, Total—Unfilled Orders/Shipments—Con.											
	Electronic and Other Electrical Equipment, Total—Unfilled Orders/ Shipments—Con.											
1992	2.48	2.47	2.44	2.38	2.39	2.43	2.29	2.39	2.35	2.29	2.39	2.34
1993	2.45	2.35	2.29	2.28	2.24	2.19	2.25	2.22	2.24	2.27	2.23	2.21
1994	2.15	2.14	2.14	2.10	2.09	2.05	1.97	1.91	1.96	1.87	1.87	1.94
1995	1.90	1.96	1.99	2.04	2.05	1.99	2.09	1.99	2.00	2.04	1.97	1.96
1996	1.97	1.95	1.93	1.92	1.89	1.87	1.92	1.93	1.88	1.95	1.89	1.82
1997	1.89	1.92	1.82	1.86	1.91	1.89	1.77	1.88	1.82	1.88	1.86	1.81
	Transportation Equipment, Total—Unfilled Orders/Shipments											
1987	10.57	10.32	9.80	10.39	10.74	10.70	11.12	11.47	10.50	10.83	10.97	11.16
1988	11.13	11.25	10.93	11.43	11.15	11.61	11.46	11.76	11.30	11.54	12.02	12.14
1989	12.65	13.03	13.43	13.51	13.72	13.87	14.54	13.46	13.06	14.51	14.41	14.30
1990	15.99	13.98	14.20	14.72	14.22	13.63	14.17	13.83	14.77	15.07	15.39	16.59
1991	15.93	15.55	16.77	15.17	14.60	14.84	14.61	14.54	13.99	13.82	14.08	16.32
1992	14.61	13.55	13.66	13.65	13.86	13.57	13.55	14.00	13.69	13.15	12.58	12.39
1993	13.18	12.61	12.17	12.22	12.32	11.98	13.75	12.23	12.24	11.45	11.76	11.47
1994	11.43	11.62	10.82	11.47	11.40	10.84	11.33	10.48	10.79	10.91	10.36	10.61
1995	10.42	10.45	10.21	10.51	10.60	10.12	10.90	10.41	10.22	10.48	10.12	10.43
1996	11.57	11.37	12.19	11.65	10.88	11.38	11.85	11.11	11.16	11.91	11.44	11.66
1997	11.71	11.41	11.32	10.66	10.85	10.73	10.55	10.84	10.51	10.87	10.69	10.87
	Instruments and Related Products, Total—Unfilled Orders/Shipments											
1987	7.61	7.29	7.06	7.31	7.29	7.20	7.20	7.27	7.12	7.30	7.21	7.10
1988	7.35	7.20	6.92	8.55	6.92	6.49	6.39	6.51	6.23	6.46	6.48	6.20
1989	6.30	6.50	6.43	6.59	6.36	6.51	8.47	6.16	6.24	6.23	6.27	6.23
1990	6.20	6.22	6.37	6.39	6.13	8.38	6.19	6.19	6.23	6.05	6.02	6.00
1991	5.87	5.93	6.05	5.62	5.69	5.75	5.68	5.58	5.77	5.58	5.51	5.59
1992	5.63	5.55	5.38	5.30	5.39	5.13	5.22	5.25	5.03	5.11	5.12	5.09
1993	5.29	5.22	5.14	5.37	5.27	5.09	5.08	5.01	4.89	4.89	4.71	4.71
1994	4.69	4.75	4.70	4.54	4.43	4.48	4.52	4.41	4.33	4.40	4.30	4.18
1995	4.10	4.18	4.09	4.16	3.98	4.09	4.19	3.94	4.00	4.02	3.92	3.91
1996	3.99	3.99	3.97	4.01	3.83	3.86	3.80	3.72	3.79	3.73	3.62	3.69
1997	3.74	3.66	3.69	3.66	3.73	3.59	3.66	3.72	3.48	3.49	3.61	3.54
	Nondurable Goods Industries, Total—Unfilled Orders/Shipments											
1987	.72	.74	.76	.79	.78	.78	.79	.82	.82	.83	.83	.83
1988	.81	.82	.80	.78	.78	.78	.79	.78	.78	.79	.78	.76
1989	.77	.75	.77	.75	.75	.77	.76	.76	.76	.76	.75	.77
1990	.74	.74	.74	.74	.74	.76	.74	.76	.77	.76	.75	.76
1991	.75	.75	.76	.75	.77	.77	.77	.78	.80	.79	.79	.79
1992	.79	.78	.78	.77	.76	.74	.74	.77	.75	.76	.77	.75
1993	.76	.77	.75	.75	.75	.75	.73	.74	.72	.69	.69	.71
1994	.71	.72	.74	.76	.75	.75	.75	.74	.74	.76	.74	.75
1995	.75	.75	.75	.76	.75	.73	.75	.72	.70	.69	.69	.68
1996	.69	.69	.67	.67	.68	.68	.68	.69	.69	.71	.72	.72
1997	.71	.69	.72	.72	.71	.71	.71	.71	.71	.70	.70	.69

Note: The shipments data used in calculating the ratios exclude the following industries with no unfilled orders: wood and lumber products; glass containers; metal cans and shipping containers; farm and garden equipment; motor vehicle assembly operations; other transportation equipment; food and related products; tobacco; apparel and related products; chemicals; petroleum and coal products; and rubber and plastics products, not elsewhere classified

Appendix A.
Sample of M3 Report Form

Form M-3(SD), Manufacturers' Shipments, Inventories, and Orders. A–2

RETURN THIS FORM WITHIN 15 DAYS AFTER RECEIPT

FORM M-3(SD) (6-8-92) — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

See instructions on reverse side

NOTICE – This report is authorized by law (Title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process. Although you are not required to respond to this statistical survey, your cooperation is needed to make the results comprehensive and accurate.

RETURN TO

CENSUS USE				
	WT	LR	MC	FP
	RP	LC	#F	AI

Person to contact regarding this report

Census Bureau contact	Name		
	Area code	Number	
Your company contact – *Enter name and telephone number if not shown; correct if wrong.*	Name		
	Area code	Number	Extension

Description of activities or division(s) to be reported and special instructions.

Please correct any errors in name, address, and ZIP Code.

Mark (X) the ONE box which best describes the reporting period. If other is checked, please describe in "Remarks."

☐ Cal. Mo. ☐ 4 week ☐ 5 week	☐ Cal. Mo. ☐ 4 week ☐ 5 week	☐ Cal. Mo. ☐ 4 week ☐ 5 week
☐ *Other* – *End. date* _____	☐ *Other* – *End. date* _____	☐ *Other* – *End. date* _____

Line No.	Description of reporting items *(Definition of terms are provided on the back of the form)*	CENSUS USE ONLY	Reporting period – *Report all figures in thousands of dollars.*		

CHANGE IN OPERATIONAL STATUS

- ☐ Ceased operations
- ☐ Sold to another company – *Enter name and date in "Remarks"*
- ☐ Acquired another manufacturing operation – *Enter name and date in "Remarks"*

Remarks

CERTIFICATION This form is substantially accurate and has been prepared in accordance with the instructions.

Signature of authorized person

Title | Date

*Figures not received when form was prepared. *PLEASE ENTER if not already submitted.*

INSTRUCTIONS FOR COMPLETING THIS FORM

GENERAL INFORMATION

A summary of the instructions for completing this form is provided below. A comprehensive instruction manual is available. Copies of the instruction manual or clarification of instructions or definitions may be obtained by calling the contact on the front of the form or by writing to: **Bureau of the Census, ATTN: Industry Division, Washington, DC 20233-0001.**

- **Purpose for this survey** – This form is designed to collect sales, inventories, and orders data from manufacturing companies for use in the preparation of industry estimates for 79 industry categories encompassing all manufacturing activities. These estimates are widely used as indicators of our Nation's current economic condition and of changes in the business cycle. They also provide important components for estimates of the gross domestic product (GDP) and related series.
- **Activities to be reported** – A REPORTING UNIT is generally a division, subsidiary, or other operating unit as defined by your company for financial or managerial purposes. Reporting units within the same industry category, as defined in the Instruction Manual, may be combined for reporting purposes. Thus, a reporting unit could also be a complete company if the company operates predominantly in a single industry category. The Census Bureau may request that very large units with diverse activities be subdivided along industry lines for reporting purposes.

  For the purposes of this survey, each reporting unit is to be reported as though a separate entity. Sales (or shipments) should include transfers to other segments of your company, as well as sales to unaffiliated customers. Orders, where applicable, should include orders from other segments of your firm. Finally, the reported figures should be limited to domestic operations (the 50 States and the District of Columbia). Please note that, while the activities of foreign subsidiaries should be excluded, export sales to and orders from foreign subsidiaries should be included.
- **Survey deadlines** – The first report for this survey is based on receipts through approximately the 18th of the month following the reporting period. If possible, please return your report by this time. Otherwise, the figures for your company will be estimated for the early report with actual figures included in the final report only. If a portion of the requested items can be reported early, please call or write so that arrangements for reporting of those data items on a separate form can be made.
- **Use of estimates** – If actual figures are not available, reasonable estimates may be used for reporting. Please indicate in the "Remarks" section if figures are estimates.
- **Comparability with previous reports** – Please indicate in the "Remarks" section if there have been any changes in organization or accounting methods that affect comparability with previous reports.

REPORTING DEFINITIONS

A. SALES – Report net sales or shipments made during the reporting period for your domestic manufacturing operations. Include sales of products to other companies, individuals, U.S. Government agencies and foreign customers as well as sales and transfers to other divisions or subsidiaries of your company. Sales should be net, after discounts and allowances, exclusive of nonmanufacturing activities.

B. NEW ORDERS – Report net new orders received during the reporting period less cancellations. Include (1) the sales value of orders received and filled during the reporting period; (2) orders received for future deliveries; and (3) the net sales value of changes to existing contracts. Do not include orders requiring further negotiations, authorization, or funding before the order is final.

C. ORDER BACKLOG – Include orders, as defined above, that have not yet passed through the sales account.

D. TOTAL INVENTORIES – Report total inventories at current cost or market value as of the end of the reporting period. If your inventories are subject to LIFO valuation, report the value prior to the adjustment for the LIFO reserve. The reported figure should include all inventories in the 50 States and the District of Columbia to which you hold title.

The figure for total inventories should equal the sum of the data reported in the following three categories to the extent permitted by your records:

E. MATERIALS AND SUPPLIES INVENTORY – Report materials and supplies inventories at current cost or market value as of the end of the reporting period.

F. WORK-IN-PROCESS INVENTORY – Report work-in-process inventories at current cost or market value as of the end of the reporting period.

G. FINISHED GOODS INVENTORY – Report finished goods inventories at current cost or market value as of the end of the reporting period.

FORM M-3(SD) (6-8-92)

Appendix B.
Composition of Industry Categories in Terms of 1987 Standard Industrial Classification System

M3/SIC code	M3 category title with comparable four-digit SIC titles
	FOOD AND KINDRED PRODUCTS
20A	**Meat products**
2011	Meat packing plants
2013	Sausages and other prepared meats
2015	Poultry slaughtering and processing
20B	**Dairy products**
2021	Creamery butter
2022	Cheese, natural and processed
2023	Dry, condensed, evaporated products
2024	Ice cream and frozen desserts
2026	Fluid milk
20C	**Fats and oils**
2074	Cottonseed oil mills
2075	Soybean oil mills
2076	Vegetable oil mills, n.e.c.
2077	Animal and marine fats and oils
2079	Edible fats and oils, n.e.c.
20D	**Beverages**
2082	Malt beverages
2083	Malt
2084	Wines, brandy, and brandy spirits
2085	Distilled and blended liquors
2086	Bottled and canned soft drinks
2087	Flavoring extracts and syrups, n.e.c.
20E	**Food and kindred products, except meat and dairy products, beverages, fats, and oils**
2032	Canned specialties
2033	Canned fruits and vegetables
2034	Dehydrated fruits, vegetables, and soups
2035	Pickles, sauces, and salad dressings
2037	Frozen fruits and vegetables
2038	Frozen specialties, n.e.c.
2041	Flour and other grain mill products
2043	Cereal breakfast foods
2044	Rice milling
2045	Prepared flour mixes and doughs
2046	Wet corn milling
2047	Dog and cat food
2048	Prepared feeds, n.e.c.
2051	Bread, cake, and related products
2052	Cookies and crackers
2053	Frozen bakery products, except bread
2061	Raw cane sugar
2062	Cane sugar refining
2063	Beet sugar
2064	Candy and other confectionery products
2066	Chocolate and cocoa products
2067	Chewing gum
2068	Salted and roasted nuts and seeds
2091	Canned and cured fish and seafoods
2092	Fresh or frozen prepared fish
2095	Roasted coffee
2096	Potato chips and similar snacks
2097	Manufactured ice
2098	Macaroni and spaghetti
2099	Food preparations, n.e.c.

M3/SIC code	M3 category title with comparable four-digit SIC titles
	TOBACCO PRODUCTS
21A	**Cigarettes, cigars, chewing and smoking tobacco, and snuff**
2111	Cigarettes
2121	Cigars
2131	Chewing and smoking tobacco
2141	Tobacco stemming and redrying
	TEXTILE MILL PRODUCTS
22A	**Broadwoven fabrics and textiles, except those from knitting and floor covering mills**
2211	Broadwoven fabric mills, cotton
2221	Broadwoven fabric mills, manmade
2231	Broadwoven fabric mills, wool
2241	Narrow fabric mills
2261	Finishing plants, cotton
2262	Finishing plants, manmade
2269	Finishing plants, n.e.c.
2281	Yarn spinning mills
2282	Throwing and winding mills
2284	Thread mills
2295	Coated fabrics, not rubberized
2296	Tire cord and fabrics
2297	Nonwoven fabrics
2298	Cordage and twine
2299	Textile goods, n.e.c.
22B	**Knitting mill products**
2251	Women's hosiery, except socks
2252	Hosiery, n.e.c.
2253	Knit outerwear mills
2254	Knit underwear mills
2257	Weft knit fabric mills
2258	Lace and warp knit fabric mills
2259	Knitting mills, n.e.c.
22C	**Carpets and rugs**
2273	Carpets and rug
	APPAREL AND OTHER FINISHED TEXTILE PRODUCTS
23A	**Apparel and other finished textile products**
2311	Men's and boys' suits and coats
2321	Men's and boys' shirts
2322	Men's and boys' underwear and nightwear
2323	Men's and boys' neckwear
2325	Men's and boys' trousers and slacks
2326	Men's and boys' work clothing
2329	Men's and boys' clothing, n.e.c.
2331	Women's and misses' blouses and shirts
2335	Women's, juniors' and misses' dresses
2337	Women's and misses' suits and coats
2339	Women's and misses' outerwear, n.e.c.
2341	Women's and children's underwear
2342	Bras, girdles, and allied garments
2353	Hats, caps, and millinery
2361	Girls' and children's dresses and blouses
2369	Girls' and children's outerwear, n.e.c.

M3/SIC code	M3 category title with comparable four-digit SIC titles
	APPAREL AND OTHER FINISHED TEXTILE PRODUCTS—Con.
23A	**Apparel and other finished textile products**—Con.
2371	Fur goods
2381	Fabric dress and work gloves
2384	Robes and dressing gowns
2385	Waterproof outerwear
2386	Leather and sheep-lined clothing
2387	Apparel belts
2389	Apparel and accessories, n.e.c.
2391	Curtains and draperies
2392	Housefurnishings, n.e.c.
2393	Textile bags
2394	Canvas and related products
2395	Pleating and stitching
2396	Automotive and apparel trimmings
2397	Schiffli machine embroideries
2399	Fabricated textile products, n.e.c.
	LUMBER AND WOOD PRODUCTS
24A	**Wood containers, pallets and skids**
2441	Nailed wood boxes and shook
2448	Wood pallets and skids
2449	Wood containers, n.e.c.
24B	**Wood buildings and mobile homes**
2451	Mobile homes
2452	Prefabricated wood buildings
24C	**Wood products, except containers, buildings, and mobile homes**
2411	Logging
2421	Sawmills and planning mills, general
2426	Hardwood dimension and flooring mills
2429	Special product sawmills, n.e.c.
2431	Millwork
2434	Wood kitchen cabinets
2435	Hardwood veneer and plywood
2436	Softwood veneer and plywood
2439	Structural wood members, n.e.c.
2491	Wood preserving
2493	Reconstituted wood products
2499	Wood products, n.e.c.
	FURNITURE AND FIXTURES
25A	**Household furniture**
2511	Wood household furniture
2512	Upholstered household furniture
2514	Metal household furniture
2515	Mattresses and bedsprings
2517	Wood TV and radio cabinets
2519	Household furniture, n.e.c.
25B	**Furniture, except household**
2521	Wood office furniture
2522	Office furniture, except wood
2531	Public building and related furniture
2541	Wood partitions and fixtures
2542	Partitions and fixtures, except wood
2591	Drapery hardware and blinds and shades
2599	Furniture and fixtures, n.e.c.
	PAPER AND ALLIED PRODUCTS
26A	**Pulp, paper, and paperboard mill products**
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills

M3/SIC code	M3 category title with comparable four-digit SIC titles
	PAPER AND ALLIED PRODUCTS—Con.
26B	**Paperboard containers and boxes**
2652	Setup paperboard boxes
2653	Corrugated and solid fiber boxes
2655	Fiber cans, drums and similar products
2656	Sanitary food containers
2657	Folding paperboard boxes
26C	**Miscellaneous converted paper products**
2671	Paper coated and laminated, packaging
2672	Paper coated and laminated, n.e.c.
2673	Bags: plastics, laminated, and coated
2674	Bags: uncoated paper and multiwall
2675	Die-cut paper and board
2676	Sanitary paper products
2677	Envelopes
2678	Stationery products
2679	Converted paper products, n.e.c.
	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES
27A	**Newspapers, periodicals and books**
2711	Newspapers
2721	Periodicals
2731	Book publishing
2732	Book printing
27B	**Publishing and printing products, except newspapers, periodicals and books**
2741	Miscellaneous publishing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, n.e.c.
2761	Manifold business forms
2771	Greeting cards
2782	Blankbooks and looseleaf binders
2789	Bookbinding and related work
2791	Typesetting
2796	Platemaking services
	CHEMICALS AND ALLIED PRODUCTS
28A	**Chemical products, except paints, drugs, soaps, toiletries, and agricultural chemicals**
2812	Alkalies and chlorine
2813	Industrial gases
2819	Industrial inorganic chemicals, n.e.c.
2821	Plastics materials and resins
2822	Synthetic rubber
2823	Cellulosic manmade fibers
2824	Organic fibers, noncellulosic
2861	Gum and wood chemicals
2865	Cyclic crudes and intermediates
2869	Industrial organic chemicals, n.e.c.
2891	Adhesives and sealants
2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, n.e.c.
28B	**Paints and related products**
2816	Inorganic pigments
2851	Paints and allied products
28C	**Drugs, soaps, and toiletries**
2833	Medicinals and botanicals
2834	Pharmaceutical preparations
2835	Diagnostic substances
2836	Biological products, except diagnostic
2841	Soap and other detergents

M3/SIC code	M3 category title with comparable four-digit SIC titles
	CHEMICALS AND ALLIED PRODUCTS—Con.
28C	**Drugs, soaps, and toiletries**—Con.
2842	Polishes and sanitation goods
2843	Surface active agents
2844	Toilet preparations
28D	**Agricultural chemicals**
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Agricultural chemicals, n.e.c.
	PETROLEUM REFINING AND RELATED INDUSTRIES
29A	**Asphalt paving and roofing materials**
2951	Asphalt paving mixtures and blocks
2952	Asphalt felts and coatings
29B	**Petroleum refining, except paving and roofing materials**
2911	Petroleum refining
2992	Lubricating oils and greases
2999	Petroleum and coal products, n.e.c.
	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS
30A	**Tires and tubes**
3011	Tires and inner tube
30B	**Rubber and plastics footwear, hose, belting, gaskets and other rubber products, n.e.c.**
3021	Rubber and plastics footwear
3052	Rubber and plastics hose and belting
3053	Gaskets, packing and sealing devices
3061	Mechanical rubber goods
3069	Fabricated rubber products, n.e.c.
30C	**Miscellaneous plastics products, n.e.c.**
3081	Unsupported plastics film and sheet
3082	Unsupported plastics profile shapes
3083	Laminated plastics plate and sheet
3084	Plastics pipe
3085	Plastics bottles
3086	Plastics foam products
3087	Custom compound purchased resins
3088	Plastics plumbing fixtures
3089	Plastics products, n.e.c.
	LEATHER AND LEATHER PRODUCTS
31A	**Leather tanning and finishing, and footwear cut stock**
3111	Leather tanning and finishing
3131	Footwear cut stock
31B	**Leather products, except tanning, finishing, and footwear cut stock**
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, n.e.c.
3151	Leather gloves and mittens
3161	Luggage
3171	Women's handbags and purses
3172	Personal leather goods, n.e.c.
3199	Leather goods, n.e.c.
	STONE, CLAY, AND GLASS PRODUCTS
32A	**Glass containers**
3221	Glass container
32B	**Kitchen articles and pottery**
3262	Vitreous china table and kitchenware
3263	Semivitreous table and kitchenware
3269	Pottery products, n.e.c.

M3/SIC code	M3 category title with comparable four-digit SIC titles
	STONE, CLAY, AND GLASS PRODUCTS—Con.
32C	**Stone, clay, and glass products, except glass containers, kitchen articles, and pottery**
3211	Flat glass
3229	Pressed and blown glass, n.e.c.
3231	Products of purchased glass
3241	Cement, hydraulic
3251	Brick and structural clay tile
3253	Ceramic wall and floor tile
3255	Clay refractories
3259	Structural clay products, n.e.c.
3261	Vitreous plumbing fixtures
3264	Porcelain electrical supplies
3271	Concrete block and brick
3272	Concrete products, n.e.c.
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone and stone products
3291	Abrasive products
3292	Asbestos products
3295	Minerals, ground or treated
3296	Mineral wool
3297	Nonclay refactories
3299	Nonmetallic mineral products, n.e.c.
	PRIMARY METALS INDUSTRIES
33A	**Blast furnaces and steel mill products**
3312	Blast furnaces and steel mills
3313	Electrometallurgical products
3315	Steel wire and related products
3316	Cold finishing of steel shapes
3317	Steel pipe and tubes
33B	**Iron and steel foundry products**
3321	Gray and ductile iron foundries
3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, n.e.c.
33C	**Nonferrous metal products, primary and secondary**
3331	Primary copper
3334	Primary aluminum
3339	Primary nonferrous metals, n.e.c.
3341	Secondary nonferrous metals
3351	Copper rolling and drawing
3353	Aluminum sheet, plate, and foil
3354	Aluminum extruded products
3355	Aluminum rolling and drawing, n.e.c.
3356	Nonferrous rolling and drawing, n.e.c.
3357	Nonferrous wiredrawing and insulating
3363	Aluminum die-castings
3364	Nonferrous die-castings except aluminum
3365	Aluminum foundries
3366	Copper foundries
3369	Nonferrous foundries, n.e.c.
3398	Metal heat treating
3399	Primary metal products, n.e.c.
	FABRICATED METAL PRODUCTS
34A	**Metal cans and shipping containers**
3411	Metal cans
3412	Metal barrels, drums, and pails
34B	**Cutlery and handtools**
3421	Cutlery
3423	Hand and edge tools, n.e.c.
3425	Saw blades and handsaws

M3/SIC code	M3 category title with comparable four-digit SIC titles
	FABRICATED METAL PRODUCTS—Con.
34C	**Building materials and wire products**
3429	Hardware, n.e.c.
3431	Metal sanitary ware
3432	Plumbing fixture fittings and trim
3433	Heating equipment, except electric
3441	Fabricated structural metal
3442	Metal doors, sash, and trim
3443	Fabricated plate work (boiler shops)
3444	Sheet metal work
3446	Architectural metal work
3448	Prefabricated metal buildings
3449	Miscellaneous metal work
3495	Wire springs
3496	Miscellaneous fabricated wire product
34D	**Ordnance and accessories, except for the Department of Defense**
3482	Small arms ammunition
3483	Ammunition, except for small arms, n.e.c.
3484	Small arms
3489	Ordnance and accessories, n.e.c.
34E	**Ordnance and accessories for the Department of Defense, except tanks and missiles**
3482	Small arms ammunition
3483	Ammunition, except for small arms, n.e.c.
3484	Small arms
3489	Ordnance and accessories, n.e.c.
34F	**Miscellaneous fabricated metal products, except containers, cutlery, building materials, ordnance and ammunition**
3451	Screw machine products
3452	Bolts, nuts, rivets, and washers
3462	Iron and steel forgings
3463	Nonferrous forgings
3465	Automotive stampings
3466	Crowns and closures
3469	Metal stampings, n.e.c.
3471	Plating and polishing
3479	Metal coating and allied services
3491	Industrial valves
3492	Fluid power valves and hose fittings
3493	Steel springs, except wire
3494	Valves and pipe fittings, n.e.c.
3497	Metal foil and leaf
3498	Fabricated pipe and fittings
3499	Fabricated metal products, n.e.c.
	INDUSTRIAL MACHINERY AND EQUIPMENT
35A	**Steam engines and turbines (including nuclear)**
3511	Turbines and turbine generator set
35B	**Internal combustion engines including diesel, except automotive and aircraft**
3519	Internal combustion engines, including diesel, except automotive and aircraft
35C	**Farm and garden machinery**
3523	Farm machinery and equipment
3524	Lawn and garden equipment
35D	**Construction, mining and material handling equipment**
3531	Construction machinery
3532	Mining machinery
3533	Oil and gas field machinery
3534	Elevators and moving stairways
3535	Conveyors and conveying equipment
3536	Hoists, cranes, and monorails
3537	Industrial trucks and tractors

M3/SIC code	M3 category title with comparable four-digit SIC titles
	INDUSTRIAL MACHINERY AND EQUIPMENT—Con.
35E	**Metalworking Machinery**
3541	Machine tools, metal cutting types
3542	Machine tools, metal forming types
3543	Industrial patterns
3544	Special dies, tools, jigs and fixtures
3545	Machine tool accessories
3546	Power-driven handtools
3547	Rolling mill machinery
3548	Welding apparatus
3549	Metalworking machinery, n.e.c.
35F	**Special industry machinery**
3552	Textile machinery
3553	Woodworking machinery
3554	Paper industries machinery
3555	Printing trades machinery
3556	Food products machinery
3559	Special industry machinery, n.e.c.
35G	**General industrial machinery**
3561	Pumps and pumping equipment
3562	Ball and roller bearings
3563	Air and gas compressors
3564	Blowers and fans
3565	Packaging machinery
3566	Speed changers, drives, and gears
3567	Industrial furnaces and ovens
3568	Power transmission equipment, n.e.c.
3569	General industrial machinery, n.e.c.
35H	**Computer and office equipment**
3571	Electronic computers
3572	Computer storage devices
3575	Computer terminals
3577	Computer peripheral equipment, n.e.c.
3578	Calculating and accounting equipment
3579	Office machines, n.e.c.
35I	**Refrigeration, heating and service industry machinery**
3581	Automatic vending machines
3582	Commercial laundry equipment
3585	Refrigeration and heating equipment
3586	Measuring and dispensing pumps
3589	Service industry machinery, n.e.c.
35J	**Industrial machinery, n.e.c.**
3592	Carburetors, pistons, rings, valves
3593	Fluid power cylinders and actuators
3594	Fluid power pumps and motors
3596	Scales and balances, except laboratory
3599	Industrial machinery, n.e.c.
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT
36A	**Electrical transmission and distribution equipment**
3612	Transformers, except electronic
3613	Switchgear and switchboard apparatus
36B	**Electrical industrial apparatus**
3621	Motors and generators
3624	Carbon and graphite products
3625	Relays and industrial controls
3629	Electrical industrial apparatus, n.e.c.
36C	**Household appliances**
3631	Household cooking equipment
3632	Household refrigerators and freezers
3633	Household laundry equipment
3634	Electric housewares and fans
3635	Household vacuum cleaners
3639	Household appliances, n.e.c.

M3/SIC code	M3 category title with comparable four-digit SIC titles
	ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT—Con.
36D	**Electric lighting and wiring equipment**
3641	Electric lamps
3643	Current-carrying wiring devices
3644	Noncurrent-carrying wiring devices
3645	Residential lighting fixtures
3646	Commercial lighting fixtures
3647	Vehicular lighting equipment
3648	Lighting equipment, n.e.c.
36E	**Household audio and video equipment**
3651	Household audio and video equipment
3652	Prerecorded records and tapes
36F	**Communications equipment, except for the Department of Defense**
3661	Telephone and telegraph apparatus
3663	Radio and TV communications equipment
3669	Communications equipment, n.e.c.
36G	**Communications equipment for the Department of Defense**
3661	Telephone and telegraph apparatus
3663	Radio and TV communications equipment
3669	Communications equipment, n.e.c.
36H	**Electronic components and accessories**
3671	Electron tubes
3672	Printed circuit boards
3674	Semiconductors and related devices
3675	Electronic capacitors
3676	Electronic resistors
3677	Electronic coils and transformers
3678	Electronic connectors
3679	Electronic components, n.e.c.
36I	**Miscellaneous electrical equipment and supplies**
3691	Storage batteries
3692	Primary batteries, dry and wet
3694	Engine electrical equipment
3695	Magnetic and optical recording media
3699	Electrical equipment and supplies, n.e.c.
	TRANSPORTATION EQUIPMENT
37A	**Motor vehicle parts, accessories and bodies, except car bodies**
3713	Truck and bus bodies
3714	Motor vehicle parts and accessories
3715	Truck trailers
3716	Motor homes
37B	**Motor vehicles and car bodies**
3711	Motor vehicles and car bodies
37C	**Complete aircraft, missiles, and space vehicles, except for the Department of Defense**
3721	Aircraft
3761	Guided missiles and space vehicles
37D	**Complete aircraft, missiles, and space vehicles for the Department of Defense**
3721	Aircraft
3761	Guided missiles and space vehicles
37E	**Aircraft, missiles, and space vehicle engines and parts, except for the Department of Defense**
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, n.e.c.
3764	Missile and space vehicle propulsion units and parts
3769	Missile and space vehicle equipment, n.e.c.

M3/SIC code	M3 category title with comparable four-digit SIC titles
	TRANSPORTATION EQUIPMENT—Con.
37F	**Aircraft, missiles, and space vehicle engines and parts for the Department of Defense**
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, n.e.c.
3764	Missile and space vehicle propulsion units and parts
3769	Missile and space vehicle equipment, n.e.c.
37G	**Ships and tank components, except for the Department of Defense**
3731	Ship building and repairing
3795	Tanks and tank components
37H	**Ships, tanks, and tank components for the Department of Defense**
3731	Ship building and repairing
3795	Tanks and tank components
37I	**Railroad equipment**
3743	Railroad equipment
37J	**Boats, motorcycles, bicycles, travel trailers, and campers**
3732	Boat building and repairing
3751	Motorcycles, bicycles, and parts
3792	Travel trailers and campers
3799	Transportation equipment, n.e.c.
	INSTRUMENTS AND RELATED PRODUCTS
38A	**Search and navigation equipment, except for the Department of Defense**
3812	Search and navigation equipment
38B	**Search and navigation equipment for the Department of Defense**
3812	Search and navigation equipment
38C	**Measuring and controlling devices**
3821	Laboratory apparatus and furniture
3822	Environmental controls
3823	Process control instruments
3824	Fluid meters and counting devices
3825	Instruments to measure electricity
3826	Analytical instruments
3827	Optical instruments and lenses
3829	Measuring and controlling devices, n.e.c.
38D	**Medical instruments and supplies**
3841	Surgical and medical instruments
3842	Surgical appliances and supplies
3843	Dental equipment and supplies
3844	X-ray apparatus and tubes
3845	Electromedical equipment
38E	**Ophthalmic goods, watches, and clocks**
3851	Ophthalmic goods
3873	Watches, clocks, watchcases and parts
38F	**Photographic goods**
3861	Photographic equipment and supplies
	MISCELLANEOUS MANUFACTURING INDUSTRIES
39A	**Miscellaneous personal goods, such as jewelry, silverware, toys and games, sporting goods, musical instruments, and burial caskets**
3911	Jewelry, precious metal
3914	Silverware and plated ware
3915	Jewelers' materials and lapidary work
3931	Musical instruments
3942	Dolls and stuffed toys
3944	Games, toys, and children's vehicles
3949	Sporting and athletic goods, n.e.c.
3961	Costume jewelry
3995	Burial caskets

M3/SIC code	M3 category title with comparable four-digit SIC titles	M3/SIC code	M3 category title with comparable four-digit SIC titles
	MISCELLANEOUS MANUFACTURING INDUSTRIES—Con.		**MISCELLANEOUS MANUFACTURING INDUSTRIES**—Con.
39B	**Miscellaneous manufactures, except personal goods**	**39B**	**Miscellaneous manufactures, except personal goods**—Con.
3951	Pens and mechanical pencils	3991	Brooms and brushes
3952	Lead pencils and art goods	3993	Signs and advertising specialties
3953	Marking devices	3996	Hard surface floor coverings, n.e.c.
3955	Carbon paper and inked ribbons	3999	Manufacturing industries, n.e.c.
3965	Fasteners, buttons, needles, and pins		

N.e.c. Not elsewhere classified.

Appendix C.
Composition of Aggregate Data Series in Terms of M3 Industry Series by Market Categories

AUTOMOTIVE EQUIPMENT

30A Tires and tubes (pt)
36I Miscellaneous electrical equipment and supplies (pt)
37A Motor vehicle parts, accessories, and bodies, except car bodies (pt)
37B Motor vehicles and car bodies (pt)
37J Boats, motorcycles, bicycles, travel trailers, and campers

HOME GOODS AND APPAREL

22B Knitting mill products
22C Carpets and rugs
23A Apparel and other finished textile products
25A Household furniture
30B Rubber and plastics footwear, hose, belting, gaskets, and other rubber products, n.e.c. (pt)
31B Leather products, except tanning, finishing, and footwear cut stock
32B Kitchen articles and pottery
32C Stone, clay, and glass products, except glass containers, kitchen articles, and pottery (pt)
34B Cutlery and handtools (pt)
35I Refrigeration, heating, and service industry machinery (pt)
36C Household appliances
36E Household audio and video equipment
38E Ophthalmic goods, watches and clocks
39A Miscellaneous personal goods, such as jewelry, silverware, toys and games, sporting goods, musical instruments, and burial caskets

CONSUMER STAPLES

20A Meat products
20B Dairy products
20C Fats and oils (pt)
20D Beverages (pt)
20E Food and kindred products, except meat and dairy products, beverages, fats, and oils (pt)
21A Cigarettes, cigars, and chewing and smoking tobacco and snuff
26C Miscellaneous converted paper products (pt)
27A Newspapers, periodicals, and books (pt)
27B Publishing and printing products, except newspapers, periodicals, and books (pt)
28C Drugs, soaps, and toiletries
29B Petroleum refining, except paving and roofing materials (pt)

MACHINERY AND EQUIPMENT

24B Wood buildings and mobile homes
25B Furniture, except household (pt)
34C Building materials and wire products (pt)
35A Steam engines and turbines (including nuclear)
35C Farm and garden machinery
35D Construction, mining, and material handling equipment
35E Metalworking machinery
35F Special industry machinery
35G General industrial machinery (pt)
35H Computer and office equipment (pt)
35I Refrigeration, heating, and service industry machinery (pt)
36A Electrical transmission and distribution equipment
36F Communication equipment, except for the Department of Defense
37A Motor vehicle parts, accessories, and bodies, except car bodies (pt)
37B Motor vehicles and car bodies (pt)
37C Complete aircraft, missiles, and space vehicles, except for the Department of Defense
37E Aircraft, missile, and space vehicle engines and parts, except for the Department of Defense (pt)
37G Ships and tank components, except for the Department of Defense
37I Railroad equipment
38A Search and navigation equipment, except for the Department of Defense
38D Medical instruments and supplies
38F Photographic goods

BUSINESS SUPPLIES

20E Food and kindred products, except meat and dairy products, beverages, and fats and oils (pt)
26C Miscellaneous converted paper products (pt)

27A Newspapers, periodicals, and books (pt)
27B Publishing and printing products, except newspapers, periodicals, and books (pt)
28A Chemical products, except paints, drugs, soaps, toiletries, and agricultural chemicals (pt)
28D Agricultural chemicals (pt)
29B Petroleum refining, except paving and roofing materials (pt)
30A Tires and tubes (pt)
34C Building materials and wire products (pt)
34F Miscellaneous fabricated metal products, except containers, cutlery, building materials, ordnance, and ammunition (pt)
39B Miscellaneous manufactures, except personal goods

CONSTRUCTION MATERIALS AND SUPPLIES

24C Wood products, except containers, buildings, and mobile homes (pt)
25B Furniture, except household (pt)
26A Pulp, paper, and paperboard mill products (pt)
28B Paints and related products
29A Asphalt paving and roofing materials
30C Miscellaneous plastics products, n.e.c. (pt)
32C Stone, clay, and glass products, except glass containers, kitchen articles, and pottery (pt)
33A Blast furnaces and steel mill products (pt)
33C Nonferrous metal products, primary and secondary (pt)
34C Building materials and wire products (pt)
36D Electric lighting and wiring equipment

DEFENSE PRODUCTS

28A Chemical products, except paints, drugs, soaps, toiletries, and agricultural chemicals (pt)
34X Ordnance and accessories
36G Communication equipment for the Department of Defense
37D Complete aircraft, missiles, and space vehicles for the Department of Defense
37F Aircraft, missiles, and space vehicle engines and parts for the Department of Defense (pt)
37H Ships, tanks, and tank components for the Department of Defense
38B Search and navigation equipment for the Department of Defense

OTHER MATERIALS AND INTERMEDIATE PRODUCTS

20C Fats and oils (pt)
20D Beverages (pt)
20E Food and kindred products, except meat and dairy products, beverages, and fats and oils (pt)
22A Broadwoven fabrics and textiles, except those from knitting and floor covering mills
24A Wood containers, pallets, and skids
24C Wood products, except containers, buildings, and mobile homes (pt)
26A Pulp, paper, and paperboard mill products (pt)
26B Paperboard containers and boxes
26C Miscellaneous converted paper products (pt)
28A Chemical products, except paints, drugs, soaps, toiletries, and agricultural chemicals (pt)
28B Paints and related products (pt)
28D Agricultural chemicals (pt)
29B Petroleum refining, except paving and roofing materials (pt)
30A Tires and tubes (pt)
30B Rubber and plastics footwear, hose, belting, gaskets, and other rubber products, n.e.c. (pt)
30C Miscellaneous plastics products, n.e.c. (pt)
31A Leather tanning and finishing and footwear cut stock
32A Glass containers
32C Stone, clay, and glass products, except glass containers, kitchen articles, and pottery (pt)
33A Blast furnaces and steel mill products (pt)
33B Iron and steel foundry products
33C Nonferrous metal products, primary and secondary (pt)
34A Metal cans and shipping containers
34B Cutlery and handtools (pt)
34C Building materials and wire products (pt)
34F Miscellaneous fabricated metal products, except containers, cutlery, building materials, ordnance, and ammunition (pt)
35B Internal combustion engines including diesel, except automotive and aircraft
35G General industrial machinery (pt)
35H Computer and office equipment (pt)
35J Industrial machinery, n.e.c.
36B Electrical industrial apparatus
36H Electronic components and accessories
36I Miscellaneous electrical equipment and supplies (pt)
37A Motor vehicle parts, accessories, and bodies, except car bodies (pt)
37Y Aircraft, missile, and space vehicle engines and parts (pt)
38C Measuring and controlling devices

DURABLE GOODS INDUSTRIES

Nondefense Capital Goods

34D Ordnance and accessories, except for the Department of Defense
35A Steam engines and turbines (including nuclear)
35B Internal combustion engines including diesel, except automotive and aircraft
35D Construction, mining, and material handling equipment
35E Metalworking machinery
35F Special industry machinery
35G General industrial machinery
35H Computer and office equipment
35I Refrigeration, heating, and service industry machinery
36A Electrical transmission and distribution equipment
36B Electrical industrial apparatus
36F Communication equipment, except for the Department of Defense
37C Complete aircraft, missiles, and space vehicles, except for the Department of Defense
37E Aircraft, missiles, and space vehicle engines and parts, except for the Department of Defense
37G Ships and tank components, except for the Department of Defense
37I Railroad equipment
38A Search and navigation equipment, except for the Department of Defense

Nondefense Capital Goods, Excluding Aircraft and Parts

34D Ordnance and accessories, except for the Department of Defense
35A Steam engines and turbines (including nuclear)
35B Internal combustion engines including diesel, except automotive and aircraft
35D Construction, mining, and material handling equipment
35E Metalworking machinery
35F Special industry machinery
35G General industrial machinery
35H Computer and office equipment
35I Refrigeration, heating, and service industry machinery
36A Electrical transmission and distribution equipment
36B Electrical industrial apparatus
36F Communication equipment, except for the Department of Defense
37G Ships and tank components, except for the Department of Defense
37I Railroad equipment
38A Search and navigation equipment, except for the Department of Defense

Defense Capital Goods

34E Ordnance and accessories for the Department of Defense, except tanks and missiles
36G Communication equipment for the Department of Defense
37D Complete aircraft, missiles, and space vehicles for the Department of Defense
37F Aircraft, missile, and space vehicle engines and parts for the Department of Defense
37H Ships, tanks, and tank components for the Department of Defense
38B Search and navigation equipment for the Department of Defense

Durables, Excluding Capital Goods

24A Wood containers, pallets, and skids
24B Wood buildings and mobile homes
24C Wood products, except containers, buildings, and mobile homes
25A Household furniture
25B Furniture, except household
32A Glass containers
32B Kitchen articles and pottery
32C Stone, clay, and glass products, except glass containers, kitchen articles, and pottery (pt)
33A Blast furnaces and steel mill products
33B Iron and steel foundry products
33C Nonferrous metal products, primary and secondary
34A Metal cans and shipping containers
34B Cutlery and handtools
34C Building materials and wire products
34F Miscellaneous fabricated metal products, except containers, cutlery, building materials, ordnance, and ammunition
35C Farm and garden machinery
35J Industrial machinery, n.e.c.
36C Household appliances
36D Electric lighting and wiring equipment
36E Household audio and video equipment
36H Electronic components and accessories
36I Miscellaneous electrical equipment and supplies
37A Motor vehicle parts, accessories, and bodies, except car bodies
37B Motor vehicles and car bodies
37J Boats, motorcycles, bicycles, travel trailers, and campers
38C Measuring and controlling devices
38D Medical instruments and supplies
38E Ophthalmic goods, watches and clocks
38F Photographic goods

39A Miscellaneous personal goods, such as jewelry, silverware, toys and games, sporting goods, musical instruments, and burial caskets
39B Miscellaneous manufactures, except personal goods

MISCELLANEOUS AGGREGATES

Producers' Durable Equipment

Information Technology Industries

35H Computer and office equipment
36F Communication equipment, except for the Department of Defense
38A Search and navigation equipment, except for the Department of Defense
38C Measuring and controlling devices
38F Photographic goods

Industrial Equipment

34C Building materials and wire products
34F Miscellaneous fabricated metal products, except containers, cutlery, building materials, ordnance, and ammunition
35A Steam engines and turbines (including nuclear)
35B Internal combustion engines including diesel, except automotive and aircraft
35E Metalworking machinery
35F Special industry machinery
35G General industrial machinery
36A Electrical transmission and distribution equipment
36B Electrical industrial apparatus

Transportation Equipment

37A Motor vehicle parts, accessories, and bodies, except car bodies
37B Motor vehicles and car bodies
37C Complete aircraft, missiles, and space vehicles, except for the Department of Defense
37G Ships and tank components, except for the Department of Defense
37I Railroad equipment

Other Equipment

25A Household furniture
25B Furniture, except household
35C Farm and garden machinery
35D Construction, mining, and material handling equipment
35I Refrigeration, heating, and service industry machinery
36C Household appliances
36I Miscellaneous electrical equipment and supplies
38D Medical instruments and supplies
39A Miscellaneous personal goods, such as jewelry, silverware, toys and games, sporting goods, musical instruments, and burial caskets
39B Miscellaneous manufactures, except personal goods

Household Durable Goods

25A Household furniture
32B Kitchen articles and pottery
34B Cutlery and handtools
36C Household appliances
36E Household audio and video equipment
38E Ophthalmic goods, watches, and clocks
39A Miscellaneous personal goods, such as jewelry, silverware, toys and games, sporting goods, musical instruments, and burial caskets

Health Care Equipment and Products

25B Furniture, except household (pt)
28C Drugs, soaps, and toiletries (pt)
30B Rubber and plastics footwear, hose, belting, gaskets, and other rubber products, n.e.c. (pt)
30C Miscellaneous plastics products, n.e.c. (pt)
38D Medical instruments and supplies

Appendix D.
Benchmarking Procedures Used in Revising Historical M3 Shipments and Inventory Estimates: 1994-1996

The mathematical technique used in benchmarking historical data in the M3 survey generally follows a trend revision minimization approach with constraints determined by annual benchmarks. The objective function F

$$F = \sum_{i=0}^{n-1} [(Y_{i+1}/Y_i) - (X_{i+1}/X_i)]^2$$

defines the sum of squared differences in the month-to-month trend between the original and revised data.

where $i = 0$ = December 1993
$i = n$ = December 1996

Y_{i+1}/Y_i = revised ratio of change from $month_i$ to $month_{i+1}$

X_{i+1}/X_i = original ratio of change from $month_i$ to $month_{i+1}$

For shipments and inventories, monthly data for the 80 M3 industry categories are benchmarked using the trend minimization function F.

Constraints for shipments are:

$\sum Y_i$=1994 Benchmark; $i \epsilon$ 1994

$\sum Y_i$=1995 Benchmark; $i \epsilon$ 1995

$\sum Y_i$=1996 Benchmark; $i \epsilon$ 1996

Constraints for inventories are:

Y_0 = December 1993 Benchmark
Y_{12} = December 1994 Benchmark
Y_{24} = December 1995 Benchmark
Y_{36} = December 1996 Benchmark

Stage of fabrication inventories are tabulated and benchmarked at the two-digit SIC major group level using the procedure described for total inventories.

Any imbalances between the sum of the three stages of fabrication and the total inventory data at the two-digit SIC major group level are corrected by the following raking procedure:

$$MI_J^A = MI_J^O[TI_J/(MI_J^O + WI_J^O + FI_J^O)]$$

$$WI_J^A = WI_J^O[TI_J/(MI_J^O + WI_J^O + FI_J^O)]$$

$$FI_J^A = FI_J^O[TI_J/(MI_J^O + WI_J^O + FI_J^O)]$$

for J = 0 through n
where 0 = January 1994
n = December 1996

MI_J^O and MI_J^A are materials and supplies original and as raked.
WI_J^O and WI_J^A are work in process original and as raked
FI_J^O and FI_J^A are finished goods original and as raked
TI_J = Benchmarked total inventories

Table D–1. Benchmark Data for Shipments and Total Inventories for M3 Industry Categories: 1995 and 1996

[Million dollars]

Industry category	Shipments		Inventories	
	1996	1995	1996	1995
SHIPMENTS				
All manufacturing industries	**3 715 460**	3 594 663	427 130	421 285
Durable goods industries	**2 004 159**	1 927 029	266 547	261 138
Lumber and wood products	106 518	104 945	10 424	10 576
Wood containers, pallets and skids	4 059	3 989	355	350
Wood buildings and mobile homes	11 889	10 861	580	545
All other wood products	90 570	90 095	9 489	9 681
Furniture and fixtures	55 697	53 474	6 484	6 583
Household furniture	25 426	24 458	3 535	3 618
All other furniture	30 271	29 016	2 949	2 965
Stone, clay, and glass products	82 442	75 932	8 679	8 359
Glass containers	4 338	4 426	698	746
Kitchen articles and pottery	1 223	1 114	247	225
Other stone, clay, and glass products	76 881	70 392	7 734	7 388
Primary metal industries	178 297	180 314	24 385	24 052
Blast furnaces, steel mill products	74 552	74 927	12 198	11 806
Iron and steel foundry products	15 937	15 235	1 543	1 494
Nonferrous and other primary metal products	87 808	90 152	10 644	10 752
Fabricated metal products	214 007	204 384	27 384	26 507
Metal cans and shipping containers	13 454	13 592	1 453	1 543
Cutlery and handtools	9 148	8 454	1 654	1 473
Building materials and wire products	85 414	80 537	10 701	10 402
Ordnance and accessories	100 769	96 294	12 499	12 042
Other fabricated metal products	5 222	5 507	1 077	1 047
Industrial machinery and equipment	381 795	353 338	55 912	57 108
Steam engines and turbines	6 268	6 144	1 940	1 761
Internal combustion engines	17 286	16 642	1 740	1 773
Farm and garden machinery	21 292	20 728	3 339	3 165
Construction, mining, and material handling equipment	41 510	38 450	7 344	7 126
Metalworking machinery	36 841	35 292	6 730	6 585
Special industrial machinery	35 751	32 780	6 823	6 934
General industrial machinery	41 458	39 214	7 898	7 705
Computer and office equipment	103 270	91 343	10 277	12 630
Refrigeration, heating, and service industry machinery	39 197	36 564	4 857	4 711
Industrial machinery, n.e.c.	38 922	36 181	4 964	4 718
Electronic and other electrical equipment	320 616	301 447	37 953	37 991
Electrical transmission and distribution equipment	12 331	12 079	1 495	1 555
Electrical industrial apparatus	26 926	25 953	3 887	3 814
Household appliances	22 157	21 776	2 299	2 510
Electric lighting and wiring equipment	24 562	23 355	3 076	3 131
Household audio and video equipment	11 266	14 020	1 070	1 626
Communication equipment	127 996	120 129	13 145	12 720
Electronic components and accessories	27 146	25 636	3 514	3 205
Miscellaneous electrical equipment and supplies	68 232	58 499	9 467	9 430
Transportation equipment	465 173	461 806	62 347	57 663
Motor vehicle parts	128 451	126 737	11 548	11 316
Motor vehicle assembly operations	200 704	201 171	4 304	4 522
Complete aircraft, missile and space vehicles	7 067	7 284	1 233	1 420
Aircraft, missile and space vehicle parts	16 666	15 563	2 008	1 833
Shipbuilding and tanks	61 090	61 344	31 588	27 407
Railroad equipment	40 232	38 719	9 995	9 573
Other transportation equipment	10 963	10 988	1 671	1 592
Instruments and related products	151 017	144 719	24 517	24 233
Search and navigation equipment	46 741	43 730	7 681	7 293
Measuring and controlling devices	47 406	43 413	7 761	7 151
Medical instruments and supplies	4 202	3 922	602	593
Ophthalmic goods, watches and clocks	22 297	21 654	2 290	2 456
Photographic goods	30 371	32 000	6 183	6 740
Other durable goods	48 597	46 670	8 462	8 066
Miscellaneous personal goods	25 015	24 901	4 753	4 631
Other durable goods	23 582	21 769	3 709	3 435
Nondurable goods industries	**1 711 301**	1 667 634	160 583	160 147
Food and kindred products	461 297	446 961	35 973	34 827
Meat products	102 103	100 954	3 630	3 491
Dairy products	58 123	55 797	3 157	2 901
Fats and oils	23 388	21 528	1 946	1 885
Beverages	68 387	64 398	7 199	6 489

See footnotes at end of table.

Table D–1. Benchmark Data for Shipments and Total Inventories for M3 Industry Categories: 1995 and 1996—Con.

[Million dollars]

Industry category	Shipments		Inventories	
	1996	1995	1996	1995
SHIPMENTS—Con.				
Nondurable goods industries—Con.				
Food and kindred products—Con.				
Other food and kindred products	209 296	204 284	20 041	20 061
Tobacco products	34 482	32 984	6 256	6 100
Textile mill products	80 243	79 874	9 479	9 841
Broadwoven fabrics and other textiles	49 542	49 802	5 950	6 191
Knitting mill products	19 517	19 310	2 083	2 249
Carpets and rugs	11 184	10 762	1 446	1 401
Apparel and other finished textile products	77 628	78 103	10 016	11 535
Paper and allied products	160 661	173 716	15 887	17 173
Pulp, paper and paperboard mill products	65 345	77 150	6 484	7 114
Paperboard containers and boxes	40 389	42 130	3 976	4 467
Miscellaneous converted paper products	54 927	54 436	5 427	5 592
Printing, publishing, and allied industries	195 262	188 120	13 017	13 638
Newspapers, periodicals, and books	90 797	87 351	5 846	6 179
Other publishing and printing	104 465	100 769	7 171	7 459
Chemicals and allied products	367 674	361 391	40 794	39 604
Industrial chemicals	184 018	186 970	19 603	19 157
Paints and related products	21 727	20 964	2 738	2 639
Drugs, soaps, and toiletries	138 573	130 932	16 099	15 596
Agricultural chemicals	23 356	22 525	2 354	2 212
Petroleum and coal products	174 284	151 439	12 046	10 829
Asphalt paving and roofing materials	9 611	8 979	658	637
Petroleum refining products	164 673	142 460	11 388	10 192
Rubber and miscellaneous plastics products	150 467	145 739	15 584	15 093
Tires and tubes	14 209	14 145	1 067	1 049
Rubber and plastics footwear, hose, belting, gaskets and other rubber products	23 635	22 852	2 643	2 494
Miscellaneous plastics products, n.e.c.	112 623	108 742	11 874	11 550
Leather and leather products	9 303	9 307	1 531	1 507
Leather tanning and finishing and footwear cut stock	3 460	3 400	439	386
Other leather products	5 843	5 907	1 092	1 121

N.e.c. Not elsewhere classified.

Note: Detail may not add to total because of independent rounding. Data may differ from the published 1996 Annual Survey of Manufactures because of inclusion of additional data receipts and corrections.

Table D–2. **Benchmark Data for Inventories by Stage of Fabrication for Major Industry Groups: 1995 to 1996**

Major industry group	1996	1995
ALL MANUFACTURING INDUSTRIES		
Materials and supplies	146 735	147 747
Work-in-process	133 631	128 906
Finished goods	146 765	144 633
Durable Goods		
Materials and supplies	86 246	85 359
Work-in-process	107 591	103 528
Finished goods	72 711	72 252
Lumber and Wood Products		
Materials and supplies	4 452	4 604
Work-in-process	2 077	2 161
Finished goods	3 895	3 812
Furniture and Fixtures		
Materials and supplies	2 886	2 935
Work-in-process	1 264	1 300
Finished goods	2 334	2 349
Stone, Clay, and Glass Products		
Materials and supplies	2 901	2 802
Work-in-process	1 213	1 154
Finished goods	4 565	4 402
Primary Metals Industries		
Materials and supplies	7 923	7 766
Work-in-process	8 791	8 573
Finished goods	7 672	7 713
Fabricated Metal Products		
Materials and supplies	10 119	9 817
Work-in-process	7 918	7 887
Finished goods	9 348	8 803
Industrial Machinery and Equipment		
Materials and supplies	18 382	18 870
Work-in-process	20 752	21 143
Finished goods	16 776	17 094
Electronic and Other Electrical Equipment		
Materials and supplies	14 833	14 539
Work-in-process	13 365	13 224
Finished goods	9 756	10 227
Transportation Equipment		
Materials and supplies	13 684	13 607
Work-in-process	40 905	36 250
Finished goods	7 758	7 808
Instruments and Related Products		
Materials and supplies	7 993	7 430
Work-in-process	9 769	10 280
Finished goods	6 755	6 523
Other Durable Goods		
Materials and supplies	3 073	2 989
Work-in-process	1 537	1 556
Finished goods	3 852	3 521
Nondurable Goods Industries		
Materials and supplies	60 489	62 388
Work-in-process	26 040	25 378
Finished goods	74 054	72 381
Food and Kindred Products		
Materials and supplies	11 417	11 720
Work-in-process	5 608	5 108
Finished goods	18 948	18 000
Tobacco Products		
Materials and supplies	5 300	5 155
Work-in-process	246	213
Finished goods	710	732

See footnotes at end of table.

Table D–2. **Benchmark Data for Inventories by Stage of Fabrication for Major Industry Groups: 1995 to 1996**—Con.

Major industry group	1996	1995
ALL MANUFACTURING INDUSTRIES—Con.		
Nondurable Goods Industries—Con.		
Textile Mill Products		
Materials and supplies	2 937	2 979
Work-in-process	2 520	2 581
Finished goods	4 021	4 281
Apparel and Other Finished Textile Products		
Materials and supplies	3 460	4 603
Work-in-process	1 881	2 055
Finished goods	4 674	4 877
Paper and Allied Products		
Materials and supplies	7 906	8 858
Work-in-process	1 519	1 632
Finished goods	6 463	6 683
Printing, Publishing, and Allied Industries		
Materials and supplies	4 902	5 569
Work-in-process	2 640	2 612
Finished goods	5 475	5 459
Chemicals and Allied Products		
Materials and supplies	13 982	13 506
Work-in-process	6 504	6 444
Finished goods	20 308	19 653
Petroleum and Coal Products		
Materials and supplies	3 706	3 331
Work-in-process	2 748	2 377
Finished goods	5 592	5 121
Rubber and Miscellaneous Plastics Products		
Materials and supplies	6 402	6 162
Work-in-process	2 046	2 056
Finished goods	7 137	6 873
Leather and Leather Products		
Materials and supplies	477	505
Work-in-process	328	300
Finished goods	726	702

Note: Detail may not add to total because of independent rounding.

Table D–3. Annual Shipments as Originally Published and as Revised: 1995 to 1997

[Million dollars]

Industry category	1997	1996	1995
ALL MANUFACTURING INDUSTRIES			
As published	3 948 737	3 735,183	3 589 395
As revised	3 929 419	3 715 460	3 594 663
Durable Goods Industries			
As published	2 162 117	2 005 997	1 921 210
As revised	2 158 699	2 004 159	1 927 029
Stone, Clay, and Glass Products			
As published	91 244	83 365	75 991
As revised	90 221	82 442	75 932
Primary Metals Industries			
As published	184 155	173 619	180 303
As revised	188 916	178 297	180 314
Fabricated Metal Products			
As published	227 753	215 427	204 820
As revised	226 120	214 007	204 384
Industrial Machinery and Equipment			
As published	406 363	378 366	351 113
As revised	408 860	381 795	353 338
Electronic and Other Electrical Equipment			
As published	354 130	323 001	299 838
As revised	351 554	320 616	301 447
Transportation Equipment			
As published	509 883	471 661	462 849
As revised	502 301	465 173	461 806
Instruments and Related Products			
As published	157 827	146 199	140 911
As revised	162 981	151 017	144 719
All Other Durable Goods			
As published	230 762	214 359	205 385
As revised	227 746	210 812	205 089
Nondurable Goods Industries			
As published	1 786 620	1 729 186	1 668 185
As revised	1 770 720	1 711 301	1 667 634
Food and Kindred Products			
As published	482 570	471 633	448 406
As revised	470 447	461 297	446 961
Tobacco Products			
As published	38 704	34 492	32 984
As revised	38 693	34 482	32 984
Textile Mill Products			
As published	82 019	78 505	79 743
As revised	83 871	80 243	79 874
Paper and Allied Products			
As published	163 022	161 968	172 637
As revised	161 992	160 661	173 716
Chemicals and Allied Products			
As published	391 690	372 848	362 127
As revised	389 189	367 674	361 391
Petroleum and Coal Products			
As published	183 229	180 122	151 261
As revised	177 314	174 284	151 439
Rubber and Miscellaneous Plastics Products			
As published	149 771	143 888	145 426
As revised	156 599	150 467	145 739
All Other Nondurable Goods			
As published	295 615	285 730	275 601
As revised	292 615	282 193	275 530

Table D–4. Total Inventories as Originally Published and as Revised: 1995 to 1997

[Million dollars]

Industry category	1997	1996	1995
ALL MANUFACTURING INDUSTRIES			
As published	442 992	424 462	419 188
As revised	446 131	427 130	421 285
Durable Goods Industries			
As published	275 777	263 937	258 699
As revised	278 766	266 547	261 138
Stone, Clay, and Glass Products			
As published	8 531	8 385	8 378
As revised	8 832	8 679	8 359
Primary Metals Industries			
As published	25 195	24 801	24 066
As revised	24 785	24 385	24 052
Fabricated Metal Products			
As published	28 593	26 940	26 927
As revised	29 046	27 384	26 507
Industrial Machinery and Equipment			
As published	58 472	56 104	57 033
As revised	58 164	55 912	57 108
Electronic and Other Electrical Equipment			
As published	39 087	38 025	37 855
As revised	39 102	37 953	37 991
Transportation Equipment			
As published	64 823	60 504	56 350
As revised	66 877	62 347	57 663
Instruments and Related Products			
As published	24 229	23 623	22 643
As revised	25 143	24 517	24 233
All Other Durable Goods			
As published	26 847	25 555	25 447
As revised	26 817	25 370	25 225
Nondurable Goods Industries			
As published	167 215	160 525	160 489
As revised	167 365	160 583	160 147
Food and Kindred Products			
As published	36 224	34 966	34 752
As revised	37 301	35 973	34 827
Tobacco Products			
As published	6 547	6 661	6 110
As revised	6 149	6 256	6 100
Textile Mill Products			
As published	9 855	9 591	9 807
As revised	9 743	9 479	9 841
Paper and Allied Products			
As published	16 247	16 026	17 165
As revised	16 108	15 887	17 173
Chemicals and Allied Products			
As published	44 139	41 033	39 606
As revised	43 880	40 794	39 604
Petroleum and Coal Products			
As published	11 604	11 844	10 957
As revised	11 806	12 046	10 829
Rubber and Miscellaneous Plastics Products			
As published	16 256	15 549	15 137
As revised	16 300	15 584	15 093
All Other Nondurable Goods			
As published	26 343	24 855	26 955
As revised	26 078	24 564	26 680

Appendix E.
Benchmarking Procedures Used in Revising Historical M3 Unfilled Orders and New Orders Estimates: 1994-1996

The estimation procedure followed in calculating new and unfilled orders consistent with the benchmarked shipments and inventory data discussed in appendix D is described below. Revisions to the unfilled orders estimates are based on a trend revision minimization approach defined by objective function F with constraints determined by the equations given below.

$$F=\sum_{i=0}^{n-1}[(Y_{i+1}/Y_i) - (X_{i+1}/X_i)]^2$$

where i = 0 = December 1994
i = n = December 1996

Y_{i+1}/Y_i = revised ratio of change from $month_i$ to $month_i+_1$
X_{i+1}/X_i = original ratio of change from $month_i$ to $month_i+_1$

Monthly unfilled orders data for 1995 and later are adjusted to be consistent with 1995-1996 ASM shipments estimates using the trend minimization function F with constraints for end-of-year unfilled orders (Y_i) determined as follows:

for i = 0, Y_0 = the current M3 end-of-year unfilled orders (UFO) estimates for 1994
for i = 12 = December 1995
for i = 24 = December 1996

$$Y_i^A = Y_i^O(S_i^A/S_i^O)$$

where
Y_{12}^A = adjusted end-of-year 1995 UFO
Y_{12}^O = original M3 end-of-year 1995 UFO
S_{12}^A = ASM annual shipments estimates for 1995
S_{12}^O = M3 annual shipments estimate for1995

Y_{24}^A = adjusted end-of-year 1996 UFO
Y_{24}^O = original M3 end-of-year 1996 UFO
S_{24}^A = ASM annual shipments estimates for 1996
S_{24}^O = M3 annual shipments estimate for 1996

Monthly new orders estimates are derived consistent with the benchmarked shipments and unfilled orders monthly data using the following relation.

$$X_J = S_J + (Y_J - Y_{J-1})$$

for J = 1 through n
J = 1= January 1995
J = n = December 1996
X_J = Benchmarked new orders
S_J = Benchmarked shipments
Y_J = Benchmarked unfilled orders

Table E–1. End-of-Year Unfilled Orders As Originally Published and Revised: 1995-1997

[Million dollars]

Industry category	1997	1996	1995
ALL MANUFACTURING INDUSTRIES			
As published	535 348	512 219	477 034
As revised	531 558	508 952	475 113
Durable Goods Industries			
As published	510 187	487 574	454 013
As revised	506 334	484 325	451 948
Stone, Clay, and Glass Products			
As published	6 245	6 577	6 809
As revised	6 176	6 504	6 804
Primary Metals Industries			
As published	33 337	28 438	27 192
As revised	34 338	29 267	27 202
Fabricated Metal Products			
As published	26 718	24 230	22 189
As revised	26 350	23 903	22 119
Industrial Machinery and Equipment			
As published	72 908	72 164	70 713
As revised	73 425	73 070	71 116
Electronic and Other Electrical Equipment			
As published	52 861	47 862	49 473
As revised	53 306	48 303	49 762
Transportation Equipment			
As published	260 725	255 735	224 535
As revised	254 517	249 151	219 085
Instruments and Related Products			
As published	48 944	45 812	46 556
As revised	50 129	47 657	49 330
All Other Durable Goods			
As published	8 449	6 756	6 546
As revised	8 093	6 470	6 530
Nondurable Goods Industries			
As published	25 161	24 645	23 021
As revised	25 224	24 627	23 165

Table E–2. Annual New Orders As Originally Published and Revised: 1995-1997

[Million dollars]

Industry category	1997	1996	1995
ALL MANUFACTURING INDUSTRIES			
As published	3 971 866	3 770 368	3 604 239
As revised	3 952 025	3 749 299	3 607 586
Durable Goods Industries			
As published	2 184 730	2 039 558	1 937 624
As revised	2 180 708	2 036 536	1 941 378
Stone, Clay, and Glass Products			
As published	90 912	83 133	76 149
As revised	89 893	82 142	76 085
Primary Metals Industries			
As published	189 054	174 865	178 681
As revised	193 987	180 362	178 702
Fabricated Metal Products			
As published	230 241	217 468	205 894
As revised	228 567	215 791	205 388
Industrial Machinery and Equipment			
As published	407 107	379 817	356 282
As revised	409 215	383 749	358 910
Electronic and Other Electrical Equipment			
As published	359 129	321 390	305 736
As revised	356 557	319 157	307 634
Transportation Equipment			
As published	514 873	502 861	472 332
As revised	507 667	495 239	465 839
Instruments and Related Products			
As published	160 959	145 455	137 593
As revised	165 453	149 344	144 175
All Other Durable Goods			
As published	232 455	214 569	204 957
As revised	229 369	210 752	204 645
Nondurable Goods Industries			
As published	1 787 136	1 730 810	1 666 615
As revised	1 771 317	1 712 763	1 666 208

Appendix F.
Notes on Trading Day Adjustment Methodology and Weight Patterns

The shipments data in the M3 survey are adjusted for calendar month variations, both length of month and number of trading days per month. The selection of these adjustment factors is based primarily on recognition of patterns contained in the data using the regression and spectral analysis capabilities of the X-12 seasonal adjustment software.

Factors are considered optimal when the daily weights assigned to the industry eliminate or diminish the peaks in the spectral plots, which are based on calendar frequencies, and lower the absolute value of the month-to-month change in the residual irregular component (I) of the data series. Several variations of the calculation and application of these weights provided multiple versions of the irregular component values. The set of weights selected were those which realized the lowest I value. The following table contains the daily weights used for each industry. For trading day weights before 1987, see table F-1 of M3-1(90).

New orders data in this publication are implicitly trading day adjusted by using the trading day adjusted shipments as input to their derivation. The change in unfilled orders is not trading day adjusted.

Table F–1. Trading Day Weight Patterns and Diagnostics

Series	Daily weights								
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	* Sunday	Trading day adjustment indicator	F ratio[1]
DURABLE GOODS INDUSTRIES									
Lumber and Wood Products									
Wood containers, pallets and skids	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.50
Wood buildings and mobile homes	1.294	0.957	1.270	1.106	0.910	1.000	0.464	(T)	10.42
All other wood products	1.238	0.779	1.277	1.460	0.843	0.747	0.657	(T)	17.77
Furniture and Fixtures									
Household furniture	1.576	1.033	0.978	1.308	1.033	0.593	0.479	(T)	20.25
All other furniture	1.020	1.166	1.172	1.171	1.378	0.400	0.694	(T)	35.13
Stone, Clay, and Glass Products									
Glass containers	0.747	1.606	1.052	0.990	1.459	0.457	0.690	(T)	19.01
Kitchen articles and pottery	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.43
Other stone, clay, and glass products	1.126	1.240	0.996	1.395	0.990	0.669	0.584	(T)	30.13
Primary Metal Industries									
Blast furnaces, steel mill products	1.039	1.243	1.077	1.295	1.172	0.583	0.591	(T)	37.80
Iron and steel foundry products	1.264	1.280	0.846	1.277	1.042	0.862	0.429	(T)	12.80
Nonferrous and other primary metal products	1.210	1.173	1.010	1.403	1.114	0.606	0.484	(T)	22.55
Fabricated Metal Products									
Metal cans and shipping containers	1.191	0.996	1.122	1.082	1.219	0.684	0.706	(T)	8.82
Cutlery and handtools	1.188	1.131	1.091	1.004	1.198	0.956	0.432	(T)	4.77
Building materials and wire products	1.048	1.377	1.077	1.414	0.839	0.777	0.468	(T)	20.49
Ordnance and accessories									
Nondefense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.34
Defense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	3.88
Other fabricated metal products	1.136	1.333	1.033	1.291	1.027	0.679	0.500	(T)	33.02
Industrial Machinery and Equipment									
Steam engines and turbines	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	3.20
Internal combustion engines	1.150	0.824	1.240	0.906	1.277	0.663	0.940	(T)	3.10
Farm and garden machinery	0.880	1.372	0.964	1.210	1.053	1.196	0.325	(T)	4.09
Construction, mining, and material handling equipment	0.819	1.514	0.755	1.425	0.966	0.859	0.663	(T)	12.46
Metalworking machinery	1.340	1.337	0.977	1.058	1.230	0.649	0.409	(T)	13.09
Special industrial machinery	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	3.63
General industrial machinery	1.176	1.461	1.085	1.070	1.116	0.773	0.320	(T)	28.05
Computer and office equipment	1.203	0.900	1.356	0.791	1.204	1.065	0.481	(T)	7.42
Refrigeration, heating, and service industry machinery	1.272	0.893	1.186	1.166	1.281	0.620	0.582	(T)	12.65
Industrial machinery, n.e.c.	0.744	1.383	1.232	1.565	0.806	0.638	0.631	(T)	17.83
Electronic and Other Electrical Equipment									
Electrical transmission and distribution equipment	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	1.82
Electrical industrial apparatus	1.039	1.012	1.089	1.206	0.939	0.821	0.894	(T)	4.13
Household appliances	0.942	1.313	1.035	1.196	0.918	0.675	0.922	(T)	9.20
Electric lighting and wiring equipment	1.036	1.347	1.068	1.033	0.958	0.946	0.613	(T)	11.07
Household audio and video equipment	1.352	1.334	0.778	1.118	1.091	0.743	0.583	(T)	4.55
Communication equipment									
Nondefense	0.698	1.449	1.099	1.190	1.398	0.461	0.705	(T)	20.48
Defense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	1.28
Electronic components and accessories	1.068	1.118	1.008	1.060	1.260	0.761	0.726	(T)	11.27
Miscellaneous electrical equipment and supplies	1.158	1.406	0.952	0.917	0.903	0.987	0.669	(T)	6.75
Transportation Equipment									
Motor vehicle parts	1.148	1.367	1.422	1.174	0.803	0.807	0.280	(T)	17.36
Motor vehicle assembly operations	1.168	1.445	1.161	1.554	0.701	0.971	0.000	(T)	15.54

See footnotes at end of table.

Table F–1. **Trading Day Weight Patterns and Diagnostics**—Con.

Series	Daily weights								
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Trading day adjustment indicator	F ratio[1]
DURABLE GOODS INDUSTRIES—Con.									
Transportation Equipment—Con.									
Complete aircraft, missile, and space vehicles									
Nondefense	0.939	1.447	1.755	0.824	1.196	0.613	0.225	(T)	3.12
Defense	0.554	1.759	1.347	0.906	0.775	0.877	0.782	(T)	10.44
Aircraft, missile, and space vehicle parts									
Nondefense	0.652	1.587	1.376	0.629	0.724	1.158	0.874	(T)	4.51
Defense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.23
Shipbuilding and tanks									
Nondefense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	1.34
Defense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	1.41
Railroad equipment	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.24
Other transportation equipment	1.215	1.010	1.158	0.942	1.620	0.621	0.434	(T)	5.37
Instruments and Related Products									
Search and navigation equipment									
Nondefense	0.375	1.435	0.747	1.285	1.265	1.181	0.713	(T)	3.39
Defense	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.00
Measuring and controlling devices	1.282	1.031	1.255	1.045	1.264	0.609	0.513	(T)	20.18
Medical instruments and supplies	0.966	1.170	1.177	1.039	1.410	0.437	0.802	(T)	18.45
Ophthalmic goods, watches and clocks	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	1.81
Photographic goods	1.061	1.342	1.018	0.901	1.368	0.525	0.785	(T)	12.63
Other Durable Goods									
Miscellaneous personal goods	1.208	1.079	1.202	0.915	1.362	1.106	0.128	(T)	7.12
Other durable goods	0.832	1.345	0.913	1.291	1.004	0.837	0.778	(T)	8.72
NONDURABLE GOODS INDUSTRIES									
Food and Kindred Products									
Meat products	1.021	0.834	1.373	0.919	1.052	0.837	0.965	(T)	11.90
Dairy products	1.159	1.076	1.113	1.244	1.104	0.759	0.546	(T)	35.95
Fats and oils	1.366	0.972	0.846	1.631	1.059	0.275	0.851	(T)	12.65
Beverages	1.073	1.195	1.155	1.041	1.277	0.654	0.606	(T)	17.78
Other food and kindred products	1.097	1.186	1.030	1.037	1.323	0.576	0.751	(T)	25.06
Tobacco Products									
Cigarettes, cigars, chewing and smoking tobacco, and snuff	1.326	1.375	1.206	0.844	1.064	0.195	0.990	(T)	6.81
Textile Mill Products									
Broadwoven fabrics and other textiles	1.179	1.057	1.162	1.085	1.204	0.607	0.705	(T)	24.94
Knitting mill products	1.044	1.214	1.026	1.304	1.094	0.513	0.804	(T)	12.77
Carpets and rugs	1.073	1.024	1.186	1.475	0.888	0.855	0.498	(T)	18.48
Apparel and other finished textile products	0.916	1.473	0.843	0.998	1.106	0.871	0.793	(T)	10.27
Paper and Allied Products									
Pulp, paper and paperboard mill products	1.029	1.150	1.013	1.118	1.085	0.838	0.768	(T)	17.77
Paperboard containers and boxes	1.063	1.383	1.193	1.110	1.225	0.468	0.558	(T)	58.74
Miscellaneous converted paper products	0.962	1.251	0.886	1.197	1.180	0.633	0.892	(T)	12.73
Printing, Publishing, and Allied Industries									
Newspapers, periodicals, and books	1.195	0.965	0.894	1.172	0.937	0.797	1.041	(T)	6.62
Other publishing and printing	1.147	1.009	1.285	1.129	1.078	0.626	0.725	(T)	25.11
Chemicals and Allied Products									
Industrial chemicals	1.082	1.244	1.042	1.189	1.030	0.626	0.788	(T)	37.02
Paints and related products	1.215	0.999	0.982	1.400	1.027	0.594	0.783	(T)	12.98
Drugs, soaps, and toiletries	1.175	1.217	1.163	0.982	1.196	0.827	0.440	(T)	17.28
Agricultural chemicals	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	2.18

See footnotes at end of table.

Table F–1. **Trading Day Weight Patterns and Diagnostics**—Con.

Series	Daily weights								
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Trading day adjustment indicator	F ratio[1]
NONDURABLE GOODS INDUSTRIES—Con.									
Petroleum and Coal Products									
Asphalt paving and roofing materials	1.123	0.890	1.249	1.779	0.723	0.627	0.608	(T)	9.69
Petroleum refining products	1.162	1.136	0.952	0.900	1.285	0.926	0.639	(T)	4.71
Rubber and Miscellaneous Plastics Products									
Tires and tubes	0.982	1.413	0.760	1.520	1.099	0.503	0.724	(T)	17.84
Rubber and plastics footwear, hose, belting, gaskets and other rubber products	1.109	1.139	1.080	1.173	1.096	0.727	0.676	(T)	12.52
Miscellaneous plastics products, n.e.c.	1.129	1.206	0.982	1.248	1.077	0.750	0.608	(T)	18.89
Leather and Leather Products									
Leather tanning and finishing and footwear cut stock	0.865	1.219	1.542	0.462	1.561	0.297	1.055	(T)	4.11
Other leather products	1.000	1.000	1.000	1.000	1.000	1.000	1.000	(NT)	3.89

NA Not available. n.e.c. Not elsewhere classified.

[1]The F value measures the presence of stable trading day patterns and is the quotient of the between months' variance attributable to the trading day component and the residual variance attributable to the irregular component. Values greater than 7 indicate there is a significant trading day pattern present.

Note: Daily weights may not add to 7 because of independent rounding.

Appendix G.
Summary Measures for Evaluating the Quality of the Seasonal Adjustment of M3 Series

The measures shown in the following table were used in evaluating the current seasonal adjustment procedure. Brief descriptions of the measures follow.

The average absolute percentage change without regard to sign is the average of the absolute percentage changes between all pairs of adjacent months; it is one measure of variability.

The "O" is the average month-to-month percentage change, without regard to sign, in the original series. The "CI" is the same for the seasonally adjusted series. The "C" is the same for the cyclical component which is a smooth, flexible moving average of the seasonally adjusted series. The "I" is the same for the irregular component, which is obtained by dividing the cyclical component into the seasonally adjusted series.

The "IC" is the average relative month-to-month change, without regard to sign, of the irregular component divided by the average relative month-to-month change, without regard to sign, of the cyclical component. It serves as an indication of the series' relative irregularity.

The measures of relative contributions of the component series to the variation in the original series can be interpreted as measures of the absolute importance of each component. The percentages shown are actually the percentages of the total variance obtained by adding up the variances of the individual components and may differ from those using the variance computed directly from the original series. The I is the irregular component; C is the trend component; and S, the seasonal component. A value of I greater than 30 usually indicates that the erratic movements in the series will significantly diminish the ability of X-12 to identify the seasonal movements in the data. Values of S less than 50 suggest that the seasonal movements are difficult to quantify.

The F value presented here measures the presence of stable seasonality. It is the quotient of two variances: (1) the between months variance, which is mainly due to seasonal, and (2) the residual variance, which is mainly due to irregular. A value of 7.0 or greater is used as an indicator of the presence of stable seasonality.

The Q value is a weighted average of 11 different quality control statistics concerned variously with the irregular movements of the series and with seasonal patterns changing too rapidly to be identifiable, particularly in recent years. A value greater than 1.2 is unacceptable; whereas, values less than 0.8 often indicate an acceptable adjustment. With values between 0.8 and 1.2, other measures must be consulted to determine if the seasonal movement in the series can be adequately quantified by the X-12 program.

The SF_r and MM_c are diagnostics from the sliding spans tests. The SF_r measures the amount of revision in a seasonal factor for a specific observation which occurs as the specific years included in the seasonal adjustment analysis change. For example, for most series in this publication a 14-year series is examined as four 11-year spans: 1982-1992, 1983-1993, 1984-1994, and 1985-1995. For the SF_r, it is considered acceptable if no more than 25 percent of the seasonal factors are revised by more than 3 percent for Q values less than or equal to 0.8; for Q values between 0.8 and 1.2, the SF_r should be no more than 15 percent.

The MM_c is a measure of the revision in the month-to-month percent change for specific observations, as the years included in the span are changed. It is considered acceptable if no more than 40 percent of the observations are revised by more than 3 percent.

The range of seasonal factors gives the difference between the largest upward adjustment and the largest downward adjustment and, therefore, measures the extent of the seasonal movements estimated by the program. An NS in the last column indicates a series is not seasonally adjusted in this publication. The information in the other columns for these series is the measures produced in X-12 ARIMA and sliding spans runs to determine the presence of quantifiable seasonality. For series which are not seasonally adjusted in this publication, the original unadjusted values are included in both the seasonally adjusted and unadjusted totals.

Table G–1. Shipments (Seasonal Factors)

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\bar{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES														
Lumber and Wood Products														
Wood containers, pallets and skids	10.33	7.51	7.19	1.56	4.60	48.01	3.03	48.97	15.00	.94	22.9	32.4	42.11	(NS)
Wood buildings and mobile homes	8.41	3.16	2.77	1.09	2.53	6.24	1.89	91.86	113.42	.31	2.8	8.3	34.24	(S)
All other wood products	5.89	2.59	2.29	1.02	2.25	15.31	3.62	80.82	85.96	.44	3.4	2.8	27.67	(S)
Furniture and Fixtures														
Household furniture	8.96	2.40	2.28	.64	3.57	3.95	.55	95.50	138.97	.37	–	–	30.02	(S)
All other furniture	5.22	2.26	2.06	.83	2.49	10.72	3.02	86.19	54.16	.40	.7	1.4	19.44	(S)
Stone, Clay, and Glass Products														
Glass containers	6.23	2.35	2.33	.36	6.45	12.09	.35	87.35	147.46	.53	–	2.1	27.88	(S)
Kitchen articles and pottery	11.76	4.70	4.66	.42	10.96	12.83	.14	87.03	56.73	1.05	(NA)	(NA)	(NA)	(S)
Other stone, clay, and glass products	6.50	2.05	1.87	.70	2.67	5.65	1.25	93.07	235.57	.30	2.8	4.9	26.49	(S)
Primary Metal Industries														
Blast furnaces, steel mill products	5.27	2.12	1.71	1.09	1.58	8.25	4.66	87.07	68.75	.32	–	.9	17.55	(S)
Iron and steel foundry products	9.66	3.09	2.76	1.11	2.49	6.48	1.57	91.89	127.43	.40	2.8	6.2	30.18	(S)
Nonferrous and other primary metal products	5.15	2.47	2.14	1.05	2.04	13.89	4.47	81.43	68.94	.36	–	.7	14.67	(S)
Fabricated Metal Products														
Metal cans and shipping containers	6.69	2.55	2.39	.63	3.77	6.94	.93	92.13	175.07	.42	.7	4.9	39.17	(S)
Cutlery and handtools	11.95	4.08	3.98	.60	6.59	7.19	.28	92.52	31.17	.89	9.0	18.8	38.93	(S)
Building materials and wire products	6.95	2.18	1.99	.68	2.95	6.10	.93	92.97	133.11	.42	–	.7	23.57	(S)
Ordnance and accessories														
Nondefense	11.62	5.92	5.31	1.81	2.94	17.95	2.81	78.83	47.91	.54	13.8	22.2	45.46	(S)
Defense	16.41	10.05	9.66	2.22	4.36	9.54	2.89	87.57	9.83	.97	36.6	52.1	63.28	(S)
Other fabricated metal products	7.47	2.03	1.80	.82	2.21	5.36	1.33	93.30	160.70	.32	1.4	5.6	24.77	(S)
Industrial Machinery and Equipment														
Steam engines and turbines	63.01	14.07	13.22	3.32	3.98	2.84	.29	96.87	75.48	.70	48.3	53.5	259.52	(S)
Internal combustion engines	8.72	3.07	2.88	.90	3.22	6.64	1.19	91.90	80.56	.44	2.8	5.6	41.73	(S)
Farm and garden machinery	14.27	5.57	5.31	1.30	4.08	10.89	.96	88.15	104.35	.46	9.7	22.9	63.01	(S)
Construction, mining, and material handling equipment	6.91	2.87	2.50	1.20	2.08	9.54	3.61	86.78	31.22	.47	1.8	5.6	23.01	(S)
Metalworking machinery	10.61	2.86	2.66	1.00	2.67	4.20	.91	94.87	47.79	.49	6.2	9.7	36.44	(S)
Special industrial machinery	13.97	6.09	5.87	1.42	4.12	11.65	1.29	87.07	24.54	.92	13.1	29.9	43.74	(S)
General industrial machinery	5.65	2.41	2.17	.83	2.61	15.86	2.46	81.68	51.80	.51	–	.7	18.86	(S)
Computer and office equipment	31.11	2.99	2.81	.91	3.10	.54	.09	99.38	380.10	.34	3.7	9.3	67.81	(S)
Refrigeration, heating, and service industry machinery	7.69	2.86	2.71	.73	3.72	11.40	.98	87.62	151.62	.46	2.1	6.9	37.23	(S)
Industrial machinery, n.e.c.	8.17	3.14	2.93	1.04	2.81	12.63	1.76	85.61	86.99	.43	3.4	6.9	33.33	(S)

See footnotes at end of table.

Table G–1. **Shipments (Seasonal Factors)**—Con.

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES—Con.														
Electronic and Other Electrical Equipment														
Electrical transmission and distribution equipment	12.32	3.58	3.45	.74	4.69	5.53	.36	94.11	76.53	.71	3.4	7.6	34.88	(S)
Electrical industrial apparatus	8.87	2.36	2.18	.75	2.92	4.78	.78	94.17	142.40	.36	–	.7	24.46	(S)
Household appliances	7.93	2.81	2.64	.76	3.49	10.33	.94	88.72	69.90	.53	1.4	3.5	34.20	(S)
Electric lighting and wiring equipment	9.02	2.19	2.01	.68	2.96	3.36	.58	96.03	96.46	.40	.7	–	27.88	(S)
Household audio and video equipment	13.35	4.40	4.12	1.19	3.46	6.10	.86	93.01	76.06	.44	15.9	16.0	63.19	(S)
Communication equipment														
Nondefense	15.87	3.83	3.66	.96	3.81	4.09	.38	95.54	76.19	.64	4.1	9.0	69.72	(S)
Defense	20.75	9.27	9.10	1.17	7.77	16.13	.32	83.49	31.10	1.12	35.9	52.8	91.14	(S)
Electronic components and accessories	6.97	2.11	1.78	.99	1.79	5.21	2.18	92.53	58.49	.49	–	.7	25.58	(S)
Miscellaneous electrical equipment and supplies	9.85	3.55	3.26	.88	3.69	7.67	.89	91.39	84.55	.47	7.3	9.3	42.01	(S)
Transportation Equipment														
Motor vehicle parts	11.64	3.77	3.27	1.22	2.68	7.47	1.31	90.92	89.53	.45	9.0	12.5	45.24	(S)
Motor vehicle assembly operations	14.51	4.87	4.29	1.59	2.69	8.98	1.33	89.59	85.58	.45	4.8	13.9	63.03	(S)
Complete aircraft, missile, and space vehicles														
Nondefense	25.86	14.64	13.88	2.70	5.15	18.53	1.54	79.93	31.66	.93	51.0	69.4	67.96	(S)
Defense	11.48	5.37	5.27	.84	6.31	14.21	.62	85.10	36.27	.90	12.4	22.9	40.38	(S)
Aircraft, missile, and space vehicle parts														
Nondefense	16.09	5.65	5.41	1.30	4.16	7.02	.70	92.24	52.22	.70	4.8	16.0	59.94	(S)
Defense	21.05	9.78	9.74	1.02	9.53	11.96	.26	87.78	35.74	.93	26.9	46.5	91.75	(S)
Shipbuilding and tanks														
Nondefense	26.06	16.50	15.99	3.81	4.20	33.49	2.53	63.98	17.23	1.12	54.5	63.2	112.75	(S)
Defense	11.37	6.21	5.81	1.21	4.80	11.86	1.62	86.32	25.60	.88	12.4	23.6	53.16	(S)
Railroad equipment	22.04	12.78	12.02	2.80	4.30	26.23	1.82	71.94	16.36	1.12	67.0	74.1	72.54	(NS)
Other transportation equipment	11.36	4.40	4.10	1.37	2.99	11.24	1.53	87.23	44.32	.57	(NA)	(NA)	(NA)	(S)
Instruments and Related Products														
Search and navigation equipment														
Nondefense	17.00	6.06	5.88	1.04	5.65	2.87	.44	96.52	45.03	.61	17.4	37.0	48.16	(S)
Defense	12.54	3.38	3.18	.94	3.40	4.83	.56	94.59	66.45	.58	8.3	13.2	51.14	(S)
Measuring and controlling devices	8.87	2.62	2.49	.58	4.33	2.79	.45	96.75	93.42	.52	–	1.4	24.16	(S)
Medical instruments and supplies	8.86	2.57	2.44	.74	3.31	6.99	.72	92.29	73.62	.67	–	–	20.62	(S)
Ophthalmic goods, watches and clocks	7.91	4.40	4.18	1.05	3.99	22.52	1.97	75.51	29.53	.63	7.6	11.1	34.75	(S)
Photographic goods	9.48	2.99	2.80	.68	4.14	4.85	.55	94.60	109.41	.46	–	2.8	35.04	(S)
Other Durable Goods														
Miscellaneous personal goods	15.77	3.27	3.15	.60	5.24	3.66	.14	96.13	142.54	.51	11.0	18.1	54.97	(S)
Other durable goods	10.10	3.12	2.98	.67	4.47	5.77	.45	93.78	47.07	.60	4.8	12.5	55.70	(S)
NONDURABLE GOODS INDUSTRIES														
Food and Kindred Products														
Meat products	3.40	1.49	1.35	.46	2.98	12.11	2.18	85.68	47.01	.52	–	2.1	12.89	(S)
Dairy products	3.42	1.38	1.21	.48	2.51	10.61	2.16	87.23	51.06	.58	–	–	13.53	(S)
Fats and oils	4.80	3.69	3.50	1.01	3.48	50.70	5.36	43.67	8.13	1.06	.9	3.7	16.29	(NS)
Beverages	5.39	1.95	1.85	.44	4.17	7.35	.72	91.93	231.12	.37	–	–	31.54	(S)

See footnotes at end of table.

Table G–1. **Shipments (Seasonal Factors)**—Con.

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
NONDURABLE GOODS INDUSTRIES—Con.														
Food and Kindred Products—Con.														
Other food and kindred products	6.95	1.61	1.54	.38	4.02	3.35	.31	96.34	138.42	.42	–	–	23.30	(S)
Tobacco Products														
Cigarettes, cigars, chewing and smoking tobacco, and snuff	22.99	7.77	7.40	1.65	4.50	3.44	.61	95.95	24.36	1.11	40.2	57.3	68.19	(S)
Textile Mill Products														
Broadwoven fabrics and other textiles	9.95	1.75	1.59	.65	2.43	1.86	.42	97.71	181.91	.33	–	1.4	29.69	(S)
Knitting mill products	10.87	2.92	2.73	.88	3.40	4.15	.59	95.26	107.06	.42	1.4	4.9	36.53	(S)
Carpets and rugs	9.17	2.77	2.52	.85	2.98	6.39	.93	92.68	110.70	.37	–	.7	33.29	(S)
Apparel and other finished textile products	9.58	2.18	2.10	.47	4.50	2.50	.26	97.23	289.81	.36	–	.7	39.93	(S)
Paper and Allied Products														
Pulp, paper and paperboard mill products	3.12	1.56	1.14	.99	1.15	8.68	11.47	79.43	23.82	.47	(NA)	(NA)	9.93	(S)
Paperboard containers and boxes	4.14	1.43	1.24	.65	1.90	9.15	2.65	88.06	107.19	.34	–	–	16.12	(S)
Miscellaneous converted paper products	4.56	1.93	1.87	.55	3.42	10.52	1.66	87.82	39.79	.56	–	–	13.28	(S)
Printing, Publishing, and Allied Industries														
Newspapers, periodicals, and books	4.43	1.46	1.33	.49	2.71	7.26	1.46	90.91	45.22	.54	.9	.9	25.71	(S)
Other publishing and printing	4.84	1.82	1.65	.59	2.80	9.04	1.57	89.39	99.45	.34	–	–	22.64	(S)
Chemicals and Allied Products														
Industrial chemicals	3.71	1.32	1.00	.78	1.28	3.77	4.47	91.74	98.39	.28	–	–	15.10	(S)
Paints and related products	6.26	2.44	2.20	.76	2.91	9.55	1.62	88.67	121.53	.39	1.4	4.2	28.64	(S)
Drugs, soaps, and toiletries	8.31	2.22	2.01	.63	3.20	3.10	.62	96.28	82.04	.46	–	.7	28.20	(S)
Agricultural chemicals	17.13	6.25	5.77	1.67	3.46	10.30	1.07	88.63	156.09	.44	33.8	43.1	107.14	(S)
Petroleum and Coal Products														
Asphalt paving and roofing materials	17.20	6.24	5.65	1.89	2.99	7.42	1.27	91.31	383.25	.29	13.8	19.4	90.47	(S)
Petroleum refining products	3.68	2.67	1.84	1.74	1.06	18.13	27.89	53.87	28.8	.53	1.4	–	16.40	(S)
Rubber and Miscellaneous Plastics Products														
Tires and tubes	6.39	2.14	2.06	.59	3.49	9.23	.93	88.84	154.08	.43	.7	2.8	23.72	(S)
Rubber and plastics footwear, hose, belting, gaskets and other rubber products	6.74	2.47	2.21	.88	2.52	10.50	1.84	87.59	84.19	.49	2.8	7.6	25.14	(S)
Miscellaneous plastics products, n.e.c.	5.50	1.89	1.60	.79	2.01	6.71	2.25	91.04	111.39	.40	–	.7	21.39	(S)
Leather and Leather Products														
Leather tanning and finishing and footwear cut stock	10.85	5.36	5.13	1.27	4.04	21.05	1.82	76.97	62.10	.54	–	2.1	36.13	(S)
Other leather products	11.84	3.93	3.63	1.21	3.01	7.61	1.06	91.28	37.20	.67	17.9	17.4	55.90	(S)

– Represents zero. NA Not available. N.e.c. Not elsewhere classified. NS Not seasonally adjusted. S Seasonally adjusted.

Table G–2. Unfilled Orders (Seasonal Factors)

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES														
Furniture and Fixtures														
Household furniture	3.95	2.30	1.72	1.16	1.48	16.49	10.84	72.65	20.65	.61	3.7	8.3	15.55	(S)
All other furniture	3.11	2.09	1.61	1.22	1.32	28.23	17.14	54.58	66.99	.50	–	–	13.35	(S)
Stone, Clay, and Glass Products														
Kitchen articles and pottery	10.04	6.40	4.92	3.04	1.62	18.78	13.09	68.12	21.48	.81	16.6	12.5	66.86	(S)
Other stone, clay, and glass products	2.40	1.76	1.27	.96	1.33	30.23	21.54	48.23	19.18	.76	–	–	11.06	(S)
Primary Metal Industries														
Blast furnaces, steel mill products	3.41	2.31	1.20	1.79	.67	12.42	30.75	56.49	68.32	.39	7.3	2.8	14.86	(S)
Iron and steel foundry products	2.39	2.09	1.52	1.39	1.09	41.14	34.35	24.52	20.44	.61	(NA)	(NA)	6.99	(S)
Nonferrous and other primary metal products	2.77	2.05	1.35	1.44	.93	21.77	28.35	49.89	61.04	.32	–	–	13.27	(S)
Fabricated Metal Products														
Cutlery and handtools	7.78	5.90	5.14	2.25	2.29	42.74	11.99	45.27	11.08	.73	18.6	22.9	27.81	(S)
Building materials and wire products	1.63	1.26	.91	.78	1.17	26.44	37.33	34.41	8.93	.72	(NA)	(NA)	5.02	(S)
Ordnance and accessories														
Nondefense	8.29	6.40	4.90	3.34	1.47	29.44	21.07	49.02	18.19	.59	29.0	22.2	37.53	(S)
Defense	2.94	2.51	1.85	1.75	1.06	39.73	40.42	19.85	3.55	.84	(NA)	(NA)	7.13	(NS)
Other fabricated metal products	1.39	1.11	.68	.77	.88	21.65	34.19	44.16	21.23	.41	(NA)	(NA)	4.92	(S)
Industrial Machinery and Equipment														
Steam engines and turbines	2.30	2.04	1.34	1.47	.91	27.83	45.18	24.88	6.37	.89	(NA)	(NA)	7.85	(NS)
Internal combustion engines	6.21	2.93	2.44	1.30	1.88	14.60	4.53	80.78	45.58	.73	33.0	13.0	58.28	(S)
Construction, mining, and material handling equipment	2.06	1.80	1.06	1.39	.76	26.50	49.60	23.80	27.28	.42	(NA)	(NA)	8.42	(S)
Metalworking machinery	2.03	1.77	1.01	1.46	.69	20.33	55.34	23.96	13.18	.52	(NA)	(NA)	7.14	(NS)
Special industrial machinery	2.66	2.13	1.62	1.45	1.11	38.19	34.50	27.30	13.10	.54	(NA)	(NA)	8.88	(S)
General industrial machinery	1.49	1.34	.76	.98	.77	28.76	51.79	19.36	15.34	.62	(NA)	(NA)	4.18	(NS)
Computer and office equipment	2.83	2.16	1.48	1.33	1.11	28.76	28.21	42.93	15.25	.53	(NA)	(NA)	9.91	(S)
Refrigeration, heating, and service industry machinery	3.50	2.13	1.59	1.13	1.41	21.44	11.49	66.99	95.41	.38	–	–	21.00	(S)
Industrial machinery, n.e.c.	2.05	1.81	1.47	.95	1.55	50.26	25.58	24.01	4.76	.99	(NA)	(NA)	6.90	(S)
Electronic and Other Electrical Equipment														
Electrical transmission and distribution equipment	2.01	1.57	1.30	.80	1.63	36.94	17.82	44.85	19.67	.56	(NA)	(NA)	7.30	(S)
Electrical industrial apparatus	1.75	1.32	1.09	.69	1.57	32.53	18.80	48.60	17.41	.55	(NA)	(NA)	6.45	(S)
Household appliances	8.73	5.66	5.09	2.07	2.46	31.41	6.12	62.47	13.43	.78	33.9	32.4	43.98	(S)
Electric lighting and wiring equipment	1.99	1.71	1.32	1.02	1.29	45.32	29.78	24.90	4.54	.87	(NA)	(NA)	4.21	(NS)
Household audio and video equipment	13.02	7.93	6.67	3.58	1.86	26.48	8.92	64.35	12.49	.79	30.3	31.9	69.46	(S)
Communication equipment														
Nondefense	2.06	1.72	1.31	.93	1.41	41.07	23.66	33.03	3.37	1.22	(NA)	(NA)	6.52	(NS)
Defense	1.97	1.83	1.05	1.33	.79	17.21	58.99	22.73	1.64	.86	(NA)	(NA)	4.00	(S)
Electronic components and accessories	3.36	2.01	1.31	1.33	.99	13.94	18.09	67.30	11.69	.74	3.0	3.0	13.96	(S)

See footnotes at end of table.

Table G–2. **Unfilled Orders (Seasonal Factors)**—Con.

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance					Percent revised			
	Original series ($\bar{O}$)	Seasonally adjusted series ($\bar{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S	F value	Q value	SFr	MMc	Range of seasonal factors	Seasonal adjustment indicator
DURABLE GOODS INDUSTRIES—Con.														
Electronic and Other Electrical Equipment—Con.														
Miscellaneous electrical equipment and supplies	2.86	2.33	1.88	1.17	1.61	44.37	19.73	35.90	8.82	.94	–	3.7	10.54	(S)
Transportation Equipment														
Motor vehicle parts	2.67	1.96	1.21	1.40	.86	17.72	33.17	48.00	31.96	.33	(NA)	(NA)	7.49	(S)
Complete aircraft, missile, and space vehicles														
Nondefense	2.08	1.94	1.23	1.54	.80	28.63	57.77	13.04	6.36	.71	(NA)	(NA)	7.41	(NS)
Defense	1.89	1.42	1.15	.72	1.61	32.51	16.37	50.69	33.31	.57	(NA)	(NA)	7.27	(S)
Aircraft, missile, and space vehicle parts														
Nondefense	1.34	1.23	.87	.83	1.05	42.37	38.98	13.08	4.14	.99	(NA)	(NA)	2.91	(NS)
Defense	2.10	1.71	1.17	1.08	1.09	31.48	29.64	38.78	29.34	.41	(NA)	(NA)	8.46	(S)
Shipbuilding and tanks														
Nondefense	5.32	4.75	3.39	3.28	1.03	21.38	51.39	22.73	7.17	.61	4.1	.7	20.84	(S)
Defense	2.18	1.83	1.45	.97	1.49	50.37	26.83	20.16	4.48	1.03	(NA)	(NA)	6.73	(NS)
Railroad equipment	5.79	5.12	4.03	2.95	1.37	49.21	28.15	22.50	4.35	1.17	21.1	13.9	14.65	(NS)
Instruments and Related Products														
Search and navigation equipment														
Nondefense	2.00	1.72	1.32	.93	1.41	45.31	24.94	21.58	6.41	1.04	(NA)	(NA)	(NA)	(NS)
Defense	1.40	1.18	.57	.98	.58	15.35	56.15	28.12	20.84	.61	(NA)	(NA)	4.89	(S)
Measuring and controlling devices	1.19	.97	.77	.58	1.33	43.28	29.25	27.40	4.58	.89	(NA)	(NA)	5.11	(NS)
Medical instruments and supplies	1.61	1.14	.76	.81	.93	21.19	27.92	47.63	14.39	.60	(NA)	(NA)	6.65	(S)
Ophthalmic goods, watches and clocks	8.14	6.25	5.49	2.51	2.19	43.06	12.80	44.14	13.97	.76	37.6	27.8	27.73	(S)
Photographic goods	5.16	3.99	3.35	1.99	1.68	49.60	18.49	30.27	8.57	.81	4.6	8.3	12.86	(S)
Other Durable Goods														
Miscellaneous personal goods	13.42	4.36	3.29	2.53	1.30	5.31	3.75	90.20	131.15	.34	33.8	27.8	80.28	(S)
Other durable goods	7.84	4.24	3.85	1.52	2.54	16.08	3.88	80.04	36.09	.55	20.2	26.9	57.37	(S)
NONDURABLE GOODS INDUSTRIES														
Textile Mill Products														
Broadwoven fabrics and other textiles	2.49	1.96	1.17	1.39	.85	18.91	37.51	43.58	16.67	.58	–	–	11.76	(S)
Carpets and rugs	7.15	5.34	4.49	2.39	1.88	35.49	12.93	51.58	16.80	.61	8.3	13.9	26.32	(S)
Paper and Allied Products														
Pulp, paper and paperboard mill products	4.65	3.40	2.49	2.13	1.17	29.29	26.99	43.72	34.57	.36	3.7	6.5	15.76	(S)
Paperboard containers and boxes	3.09	1.85	1.45	1.10	1.32	18.26	14.25	67.41	64.24	.36	–	–	16.57	(S)
Miscellaneous converted paper products	3.68	2.87	2.60	1.06	2.44	57.66	9.98	32.36	3.91	1.30	(NA)	(NA)	9.36	(S)
Printing, Publishing, and Allied Industries														
Newspapers, periodicals, and books	6.68	3.58	3.29	1.16	2.84	19.28	3.49	74.02	8.10	1.01	52.3	28.7	59.18	(S)
Other publishing and printing	3.80	2.92	2.53	1.24	2.04	43.77	13.51	42.54	5.46	.97	4.6	6.5	14.15	(S)

See footnotes at end of table.

Table G–2. **Unfilled Orders (Seasonal Factors)**—Con.

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
NONDURABLE GOODS INDUSTRIES—Con.														
Leather and Leather Products														
Leather tanning and finishing and footwear cut stock	5.99	5.36	4.79	1.70	2.81	51.08	9.99	39.02	5.24	1.01	11.3	6.8	23.11	(S)
Other leather products	6.58	4.46	2.69	2.95	.91	15.27	24.00	59.45	65.58	.42	12.4	8.3	41.19	(S)

– Represents zero. NA Not available. N.e.c. Not elsewhere classified. NS Not seasonally adjusted. S Seasonally adjusted.

Table G–3. Total Inventories (Seasonal Factors)

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES														
Lumber and Wood Products														
Wood containers, pallets and skids	3.43	3.14	2.50	1.58	1.59	49.31	22.64	25.41	1.36	1.40	8.3	8.3	14.03	(NS)
Wood buildings and mobile homes	5.52	2.56	2.27	1.01	2.26	11.14	3.41	85.45	33.94	.54	–	.7	16.82	(S)
All other wood products	1.50	1.17	.92	.66	1.40	37.09	20.92	42.00	14.23	.74	(NA)	(NA)	6.31	(S)
Furniture and Fixtures														
Household furniture	1.20	.81	.62	.47	1.31	23.92	17.63	58.41	65.12	.42	(NA)	(NA)	5.56	(S)
All other furniture	1.26	1.06	.82	.57	1.44	43.80	28.04	27.96	13.14	.67	(NA)	(NA)	4.14	(S)
Stone, Clay, and Glass Products														
Glass containers	1.85	1.14	.73	.77	.96	11.29	18.54	69.83	44.39	.39	(NA)	(NA)	7.43	(S)
Kitchen articles and pottery	2.57	1.65	1.27	.84	1.52	22.28	11.93	64.75	48.74	.60	–	–	17.91	(S)
Other stone, clay, and glass products	1.41	.73	.53	.41	1.28	10.12	10.56	79.25	177.5	.19	(NA)	(NA)	7.32	(S)
Primary Metal Industries														
Blast furnaces, steel mill products	1.34	1.01	.52	.82	.63	13.14	41.97	44.83	15.45	.53	(NA)	(NA)	5.22	(S)
Iron and steel foundry products	1.83	1.27	1.07	.58	1.86	31.81	11.57	56.62	53.38	.47	(NA)	(NA)	7.47	(S)
Nonferrous and other primary metal products	1.22	.98	.60	.70	.87	24.86	40.91	34.23	24.25	.47	(NA)	(NA)	4.42	(S)
Fabricated Metal Products														
Metal cans and shipping containers	4.48	2.61	2.24	1.20	1.86	21.95	7.54	70.21	88.19	.45	1.8	–	23.16	(S)
Cutlery and handtools	2.19	1.41	1.15	.65	1.77	22.88	9.74	66.96	40.45	.42	–	–	10.07	(S)
Building materials and wire products	1.19	.90	.68	.54	1.27	20.32	22.09	57.59	33.90	.35	(NA)	(NA)	5.99	(S)
Ordnance and accessories														
Nondefense	3.21	1.88	1.61	.89	1.81	23.33	8.23	68.34	44.11	.45	–	–	12.31	(S)
Defense	3.42	2.58	2.02	1.22	1.66	33.73	20.02	46.14	4.09	.92	2.8	1.9	10.51	(S)
Other fabricated metal products	.94	.79	.52	.55	.95	28.52	38.11	32.79	5.53	.82	(NA)	(NA)	3.27	(NS)
Industrial Machinery and Equipment														
Steam engines and turbines	5.38	2.31	1.82	1.21	1.51	9.22	5.48	85.15	184.52	.24	.7	.7	26.39	(S)
Internal combustion engines	1.66	1.34	.80	1.01	.80	19.23	41.96	38.82	5.95	.75	(NA)	(NA)	5.63	(S)
Farm and garden machinery	2.76	1.71	1.36	.91	1.49	22.17	11.23	66.38	36.40	.54	–	–	19.09	(S)
Construction, mining, and material handling equipment	1.24	.95	.53	.77	.68	19.50	46.56	33.88	43.08	.31	(NA)	(NA)	4.71	(S)
Metalworking machinery	1.54	.91	.57	.61	.92	9.03	19.00	71.98	34.83	.45	(NA)	(NA)	9.40	(S)
Special industrial machinery	1.83	1.15	.80	.75	1.07	17.90	19.39	62.71	28.88	.46	(NA)	(NA)	6.16	(S)
General industrial machinery	.86	.67	.43	.47	.91	20.32	37.59	41.49	9.76	.62	(NA)	(NA)	2.56	(S)
Computer and office equipment	3.10	1.28	.78	.93	.84	6.22	8.80	84.95	30.92	.56	–	–	13.84	(S)
Refrigeration, heating, and service industry machinery	2.08	1.16	.70	.87	.80	10.41	20.17	69.42	116.85	.33	–	–	10.39	(S)
Industrial machinery, n.e.c.	1.37	1.18	.77	.79	.98	22.52	41.30	30.67	32.11	.41	(NA)	(NA)	5.56	(S)

See footnotes at end of table.

Table G–3. **Total Inventories (Seasonal Factors)**—Con.

Industry	Average percent changes				Ratio of Irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES—Con.														
Electronic and Other Electrical Equipment														
Electrical transmission and distribution equipment	2.23	1.11	.94	.55	1.72	13.17	6.45	78.90	32.17	.55	.9	1.9	12.36	(S)
Electrical industrial apparatus	1.02	.77	.56	.48	1.15	24.61	28.72	44.53	15.43	.53	(NA)	(NA)	3.79	(S)
Household appliances	3.28	1.57	.99	.99	1.00	5.70	10.03	83.76	176.98	.25	–	–	18.67	(S)
Electric lighting and wiring equipment	1.61	.71	.48	.46	1.04	7.04	8.07	84.88	147.66	.24	(NA)	(NA)	8.88	(S)
Household audio and video equipment	3.31	2.35	1.39	1.67	.83	11.99	27.73	60.18	96.61	.26	–	–	16.69	(S)
Communication equipment														
Nondefense	1.89	1.20	.68	.95	.71	12.99	30.66	56.04	15.52	.46	(NA)	(NA)	7.95	(S)
Defense	3.22	2.91	2.13	1.81	1.17	43.38	40.96	15.67	11.32	.51	(NA)	(NA)	9.55	(S)
Electronic components and accessories	1.12	.89	.59	.63	.94	27.89	37.92	34.20	16.14	.49	(NA)	(NA)	3.66	(S)
Miscellaneous electrical equipment and supplies	1.56	1.04	.66	.72	.91	16.16	23.22	60.57	51.47	.38	(NA)	(NA)	9.55	(S)
Transportation Equipment														
Motor vehicle parts	1.70	1.23	.83	.79	1.05	22.91	24.71	52.38	19.53	.55	(NA)	(NA)	7.52	(S)
Motor vehicle assembly operations	3.47	1.85	1.59	.74	2.15	17.15	4.93	77.60	30.30	.58	.9	1.9	15.38	(S)
Complete aircraft, missile, and space vehicles														
Nondefense	2.16	1.63	1.14	1.05	1.09	17.43	31.68	49.65	11.15	.53	(NA)	(NA)	4.74	(S)
Defense	2.13	1.93	1.24	1.40	.88	28.68	46.72	23.79	14.08	.55	(NA)	(NA)	6.90	(S)
Aircraft, missile, and space vehicle parts														
Nondefense	2.02	1.45	1.05	1.02	1.03	25.00	30.95	42.43	27.00	.39	(NA)	(NA)	7.10	(S)
Defense	3.16	2.07	1.81	1.04	1.74	31.78	13.18	53.70	57.00	.43	–	–	16.35	(S)
Shipbuilding and tanks														
Nondefense	7.96	6.05	5.32	2.56	2.07	42.22	11.29	40.20	18.04	.81	13.8	26.9	22.35	(S)
Defense	2.88	2.43	2.06	1.01	2.03	40.19	20.91	38.91	4.40	.95	(NA)	(NA)	7.69	(S)
Railroad equipment	3.52	2.56	2.08	1.24	1.67	39.29	14.83	45.82	9.59	.89	(NA)	(NA)	8.81	(NS)
Other transportation equipment	3.71	2.22	1.77	1.10	1.61	23.25	10.10	66.64	9.87	.89	3.7	–	13.61	(S)
Instruments and Related Products														
Search and navigation equipment														
Nondefense	2.03	1.43	.97	.94	1.03	17.88	23.80	56.55	17.09	.53	–	–	10.37	(S)
Defense	1.94	1.62	.97	1.25	.77	21.47	43.63	34.26	38.64	.32	(NA)	(NA)	7.74	(S)
Measuring and controlling devices	1.04	.74	.60	.41	1.48	29.59	18.80	51.61	28.56	.51	(NA)	(NA)	4.32	(S)
Medical instruments and supplies	1.18	.74	.49	.62	.65	11.64	31.64	55.56	35.45	.33	(NA)	(NA)	4.23	(S)
Ophthalmic goods, watches and clocks	1.71	1.26	.90	.84	1.07	22.31	25.89	51.70	22.32	.53	(NA)	(NA)	6.46	(S)
Photographic goods	2.25	1.13	.81	.75	1.09	10.58	11.46	77.32	61.06	.38	–	–	12.55	(S)
Other Durable Goods														
Miscellaneous personal goods	1.94	1.18	.93	.69	1.55	14.86	11.01	73.99	43.84	.34	(NA)	(NA)	7.35	(S)
Other durable goods	1.90	1.19	.90	.70	1.29	22.57	17.49	59.94	42.42	.43	(NA)	(NA)	9.23	(S)
NONDURABLE GOODS INDUSTRIES														
Food and Kindred Products														
Meat products	2.51	1.23	1.01	.57	1.78	16.92	6.06	76.95	25.78	.63	(NA)	(NA)	9.61	(S)
Dairy products	2.14	1.50	1.21	.70	1.75	20.69	12.59	66.61	39.42	.49	–	–	10.83	(S)
Fats and oils	7.30	4.71	4.09	1.82	2.24	20.90	8.35	70.66	50.63	.46	21.1	23.1	29.33	(S)
Beverages	1.34	.88	.71	.42	1.68	27.23	12.43	60.34	10.61	.81	(NA)	(NA)	5.80	(S)

See footnotes at end of table.

Table G–3. **Total Inventories (Seasonal Factors)**—Con.

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
NONDURABLE GOODS INDUSTRIES—Con.														
Food and Kindred Products—Con.														
Other food and kindred products	2.85	.70	.61	.33	1.87	4.07	1.30	94.63	792.86	.22	–	–	17.91	(S)
Tobacco Products														
Cigarettes, cigars, chewing and smoking tobacco, and snuff	2.88	1.36	1.10	.64	1.71	12.47	5.25	82.28	125.90	.32	–	–	16.67	(S)
Textile Mill Products														
Broadwoven fabrics and other textiles	1.63	.82	.54	.56	.97	10.50	14.10	75.21	97.00	.22	(NA)	(NA)	6.89	(S)
Knitting mill products	2.25	1.10	.83	.57	1.44	11.08	6.59	82.22	158.63	.33	–	–	13.30	(S)
Carpets and rugs	1.96	1.33	.95	.87	1.09	13.28	21.68	64.80	33.42	.34	(NA)	(NA)	9.29	(S)
Apparel and other finished textile products	2.17	.86	.55	.64	.86	5.17	8.08	86.75	387.25	.15	–	–	11.62	(S)
Paper and Allied Products														
Pulp, paper and paperboard mill products	1.21	.91	.54	.66	.82	17.40	36.00	46.60	41.96	.36	(NA)	(NA)	5.72	(S)
Paperboard containers and boxes	1.47	1.22	.72	.84	.86	19.68	43.88	36.33	22.73	.48	(NA)	(NA)	4.92	(S)
Miscellaneous converted paper products	1.47	.96	.75	.48	1.57	22.61	12.06	65.33	42.87	.52	(NA)	(NA)	6.63	(S)
Printing, Publishing, and Allied Industries														
Newspapers, periodicals, and books	1.62	1.06	.69	.77	.89	13.42	27.29	58.53	75.44	.29	(NA)	(NA)	7.78	(S)
Other publishing and printing	2.67	1.10	.79	.66	1.19	6.89	6.58	86.47	193.71	.23	–	–	18.13	(S)
Chemicals and Allied Products														
Industrial chemicals	1.07	.89	.60	.62	.96	26.40	36.80	36.80	14.12	.44	(NA)	(NA)	4.08	(S)
Paints and related products	1.57	1.07	.93	.54	1.72	27.96	14.98	56.46	36.45	.42	(NA)	(NA)	7.17	(S)
Drugs, soaps, and toiletries	1.42	.81	.54	.58	.93	11.51	20.00	68.49	81.04	.26	(NA)	(NA)	6.08	(S)
Agricultural chemicals	4.73	2.03	1.56	1.05	1.49	11.11	5.55	83.34	77.46	.45	1.8	–	32.57	(S)
Petroleum and Coal Products														
Asphalt paving and roofing materials	5.20	3.31	2.67	1.68	1.59	22.24	11.20	65.67	51.32	.48	9.2	8.3	31.47	(S)
Petroleum refining products	2.40	1.97	1.34	1.28	1.04	31.49	33.88	34.34	22.44	.41	(NA)	(NA)	8.39	(S)
Rubber and Miscellaneous Plastics Products														
Tires and tubes	2.36	1.29	.73	.97	.75	7.23	16.34	74.69	140.19	.31	–	–	12.49	(S)
Rubber and plastics footwear, hose, belting, gaskets and other rubber products	1.41	.98	.74	.60	1.24	27.94	22.84	47.86	11.57	.69	(NA)	(NA)	4.83	(S)
Miscellaneous plastics products, n.e.c.	1.17	.85	.49	.67	.74	16.07	34.76	49.18	25.40	.46	(NA)	(NA)	5.16	(S)
Leather and Leather Products														
Leather tanning and finishing and footwear cut stock	3.87	2.95	2.38	1.47	1.61	39.99	16.84	42.91	15.43	.71	2.8	3.7	15.10	(S)
Other leather products	2.72	1.64	1.28	.86	1.49	22.00	11.33	66.48	44.11	.49	–	–	13.56	(S)

– Represents zero. NA Not available. N.e.c. Not elsewhere classified. NS Not seasonally adjusted. S Seasonally adjusted.

Table G–4. Materials and Supplies Inventories (Seasonal Factors)

Industry	Average percent changes				Ratio of Irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES														
Lumber and wood products	3.19	1.51	1.06	.97	1.09	9.78	9.89	80.27	156.56	.31	–	–	20.55	(S)
Furniture and fixtures	1.31	1.14	.84	.66	1.27	34.46	33.24	33.29	12.01	.54	(NA)	(NA)	3.34	(S)
Stone, clay, and glass products	1.11	.86	.68	.45	1.53	42.83	20.01	37.16	8.16	.77	(NA)	(NA)	3.54	(S)
Primary metals industries	1.69	1.10	.70	.79	.89	16.68	22.41	60.89	151.09	.33	(NA)	(NA)	8.54	(S)
Fabricated metal products	1.23	1.06	.85	.64	1.33	43.07	29.99	26.79	7.73	.64	(NA)	(NA)	3.75	(S)
Industrial machinery and equipment	1.51	1.11	.82	.71	1.14	28.56	26.02	45.43	12.00	.69	(NA)	(NA)	5.29	(S)
Electronic and electrical equipment	1.21	.98	.64	.71	.99	25.07	39.16	35.77	16.19	.47	(NA)	(NA)	3.75	(S)
Transportation equipment	1.43	1.21	.96	.64	1.50	46.30	28.39	25.31	4.24	.89	(NA)	(NA)	3.18	(S)
Instruments and related products	1.27	1.09	.66	.74	.90	25.01	41.97	32.21	19.37	.48	(NA)	(NA)	4.71	(S)
Other durable goods	1.82	1.42	1.13	.73	1.55	35.51	20.37	43.13	6.61	.72	(NA)	(NA)	4.65	(S)
NONDURABLE GOODS INDUSTRIES														
Food and kindred products	1.84	1.05	.91	.43	2.14	24.49	6.04	69.47	91.33	.33	(NA)	(NA)	7.70	(S)
Tobacco products	2.79	1.05	.74	.71	1.05	5.66	6.57	87.58	262.89	.21	–	–	15.69	(S)
Textile mill products	1.93	1.19	.88	.72	1.22	20.55	14.73	64.62	84.79	.32	(NA)	(NA)	7.79	(S)
Apparel and other finished textile products	1.78	1.25	.97	.73	1.32	25.81	18.49	55.56	35.59	.43	(NA)	(NA)	6.06	(S)
Paper and allied products	1.03	.88	.51	.64	.80	26.66	48.64	24.70	10.59	.58	(NA)	(NA)	3.07	(S)
Printing, publishing, and allied industries	2.10	1.46	.88	1.10	.80	13.62	28.65	57.45	85.39	.29	(NA)	(NA)	9.83	(S)
Chemicals and allied products	.94	.79	.69	.46	1.31	43.44	26.91	29.65	8.46	.71	(NA)	(NA)	2.00	(S)
Petroleum and coal products	3.04	2.70	2.07	1.41	1.47	43.38	24.08	32.55	4.04	.87	(NA)	(NA)	8.21	(S)
Rubber and miscellaneous plastics products	1.74	1.18	.77	.80	.96	19.65	27.22	52.66	10.75	.73	(NA)	(NA)	4.98	(S)
Leather and leather products	3.04	2.16	1.52	1.29	1.18	25.04	23.57	49.65	9.66	.64	(NA)	(NA)	9.71	(S)

– Represents zero. NA Not available. S Seasonally adjusted.

Table G–5. Work-In-Process Inventories (Seasonal Factors)

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES														
Lumber and wood products	2.15	1.90	1.50	1.04	1.43	46.52	24.83	28.51	10.93	.65	(NA)	(NA)	9.11	(S)
Furniture and fixtures	1.47	1.19	.91	.69	1.33	35.24	24.46	38.52	5.29	.73	(NA)	(NA)	4.17	(S)
Stone, clay, and glass products	2.49	1.54	1.23	.75	1.64	20.46	11.65	67.89	73.49	.33	–	–	14.43	(S)
Primary metals industries	1.35	1.15	.70	.84	.83	22.41	43.10	34.29	23.34	.42	(NA)	(NA)	4.16	(S)
Fabricated metal products	1.55	1.00	.80	.52	1.54	22.97	12.93	64.10	15.43	.61	(NA)	(NA)	6.29	(S)
Industrial machinery and equipment	1.74	1.06	.76	.60	1.26	17.13	14.12	68.64	25.06	.53	(NA)	(NA)	8.02	(S)
Electronic and electrical equipment	1.39	.89	.53	.68	.79	11.26	27.21	61.47	53.07	.24	(NA)	(NA)	6.02	(S)
Transportation equipment	1.57	1.06	.66	.79	.84	18.31	29.54	52.16	40.39	.38	(NA)	(NA)	5.33	(S)
Instruments and related products	1.63	1.02	.62	.75	.82	14.64	26.32	58.43	59.84	.35	(NA)	(NA)	7.53	(S)
Other durable goods	2.24	1.82	1.47	.85	1.72	32.28	20.83	45.62	13.49	.60	(NA)	(NA)	8.67	(S)
NONDURABLE GOODS INDUSTRIES														
Food and kindred products	2.85	1.33	1.12	.60	1.87	13.35	4.78	81.86	29.84	.64	–	.9	24.86	(S)
Tobacco products	17.88	9.66	7.93	4.38	1.81	19.21	7.81	71.75	81.54	.39	42.1	38.2	84.51	(S)
Textile mill products	1.67	1.05	.83	.54	1.53	28.32	12.94	57.09	26.79	.52	(NA)	(NA)	7.28	(S)
Apparel and other finished textile products	2.41	1.62	1.27	.83	1.53	23.89	15.43	60.38	67.92	.38	–	–	11.21	(S)
Paper and allied products	1.86	1.42	1.17	.68	1.72	39.03	17.98	42.99	14.22	.57	(NA)	(NA)	7.63	(S)
Printing, publishing, and allied industries	3.84	1.93	1.72	.83	2.07	18.93	5.04	76.03	23.53	.62	–	.9	21.67	(S)
Chemicals and allied products	1.76	1.21	.96	.66	1.46	25.76	17.26	56.98	22.75	.56	(NA)	(NA)	6.71	(S)
Petroleum and coal products	3.69	3.22	2.56	1.58	1.62	43.93	25.38	30.55	10.37	.65	.7	–	10.42	(S)
Rubber and miscellaneous plastics products	2.39	1.81	1.55	.81	1.91	40.59	15.69	43.17	10.48	.62	(NA)	(NA)	6.51	(S)
Leather and leather products	3.98	2.79	2.30	1.21	1.89	30.35	13.42	56.01	9.88	.68	1.4	.7	10.37	(S)

– Represents zero. NA Not available. S Seasonally adjusted.

Table G–6. Finished Goods Inventories (Seasonal Factors)

Industry	Average percent changes				Ratio of irregular to cyclical component	Relative contribution to variance			F value	Q value	Percent revised		Range of seasonal factors	Seasonal adjustment indicator
	Original series ($\bar{O}$)	Seasonally adjusted series ($\overline{CI}$)	Irregular component ($\bar{I}$)	Cyclical component ($\bar{C}$)	($\bar{I}/\bar{C}$)	I	C	S			SFr	MMc		
DURABLE GOODS INDUSTRIES														
Lumber and wood products.	2.99	1.80	1.33	.97	1.37	17.87	10.12	71.97	84.11	.40	–	–	15.79	(S)
Furniture and fixtures	1.94	1.20	.95	.66	1.45	16.57	13.13	70.29	61.33	.32	–	–	11.36	(S)
Stone, clay, and glass products	1.90	.97	.78	.52	1.49	11.60	8.47	79.93	181.52	.24	(NA)	(NA)	9.60	(S)
Primary metals industries ..	1.80	1.35	.97	.77	1.27	25.90	18.70	55.34	41.60	.41	(NA)	(NA)	6.28	(S)
Fabricated metal products..	1.78	1.03	.75	.59	1.27	13.37	12.33	74.30	74.09	–	–	–	11.53	(S)
Industrial machinery and equipment.....	2.28	1.40	1.16	.71	1.64	22.68	10.26	67.06	28.11	.53	(NA)	(NA)	7.10	(S)
Electronic and electrical equipment.....	2.15	1.07	.74	.73	1.01	11.28	13.55	75.10	78.10	.25	–	–	11.56	(S)
Transportation equipment ..	2.86	1.57	1.39	.64	2.18	17.43	5.43	76.50	17.42	.68	5.5	9.3	17.05	(S)
Instruments and related products	1.77	1.05	.70	.72	.97	16.76	20.99	62.20	33.64	.47	(NA)	(NA)	8.36	(S)
Other durable goods.....	2.28	1.44	1.10	.80	1.37	19.57	15.59	64.78	36.54	.40	(NA)	(NA)	9.39	(S)
NONDURABLE GOODS INDUSTRIES														
Food and kindred products .	2.46	.89	.71	.45	1.56	7.11	3.79	89.10	253.68	.29	–	–	13.35	(S)
Tobacco products	10.57	5.94	5.03	2.43	2.07	19.35	5.93	74.39	9.21	1.05	40.4	40.7	53.92	(S)
Textile mill products	2.16	1.04	.80	.61	1.32	12.12	8.38	79.50	130.27	.24	–	–	12.40	(S)
Apparel and other finished textile products.....	3.55	1.41	.89	1.03	.87	4.38	8.10	87.51	269.62	.23	–	–	21.50	(S)
Paper and allied products ..	1.90	1.05	.69	.70	.98	12.50	14.81	72.68	112.84	.30	(NA)	(NA)	8.92	(S)
Printing, publishing, and allied industries	2.73	1.46	1.24	.72	1.72	16.84	7.41	75.75	170.12	.28	–	–	14.45	(S)
Chemicals and allied products	1.38	.98	.67	.59	1.13	20.84	22.15	56.95	54.66	.28	(NA)	(NA)	6.43	(S)
Petroleum and coal products	3.13	2.49	1.72	1.57	1.10	27.62	30.28	41.38	19.45	.43	(NA)	(NA)	8.88	(S)
Rubber and miscellaneous plastics products	1.80	.92	.64	.58	1.10	8.82	11.08	80.05	111.61	.27	(NA)	(NA)	8.26	(S)
Leather and leather products	3.80	2.02	1.57	1.13	1.39	14.08	11.22	74.32	25.00	.53	1.8	–	14.56	(S)

– Represents zero. NA Not available. S Seasonally adjusted.

Appendix H.
Description of the Annual Survey of Manufactures; the M3 Benchmark Data

GENERAL

The estimates for 1996 are based on reports from a representative sample of approximately 58,000 manufacturing establishments and administrative-record information for approximately 170,000 establishments. These estimates represent the portion of the manufacturing population accounted for by establishments with paid employees. Nonemployers are defined as out-of-scope of the ASM. The tables provide 1996 and 1995 estimates for employment, plant hours, payrolls, value added by manufacture, capital expenditures, cost of materials, inventories, value of industry shipments, and fuels and electric energy consumed for most manufacturing industries. Establishments are classified in manufacturing industries by industry definitions described in the 1987 edition of the Standard Industrial Classification (SIC) Manual.[1]

SCOPE AND USE OF ANNUAL SURVEY

The 1996 ASM is the 39th survey of this type conducted by the Bureau of the Census to provide the key measures of manufacturing activity for industry groups and important industries for intercensal years. These key measures, as well as other detailed statistics for manufacturing, were collected in the censuses of manufactures; the three most recent censuses covered the years 1992, 1987, and 1982. An annual survey was conducted for each of the years between censuses starting with 1949.

During intercensal periods, these annual surveys provide a continuous series of basic statistics for industries and furnish benchmarks for current business indicators and for measures of industrial production and productivity. The survey also provides significant data in connection with planning for industrial mobilization.

DESCRIPTION OF THE SURVEY SAMPLE

In 1992, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the 1992 manufacturing population was partitioned into two components for developing estimates within the ASM; a mail stratum and a nonmail stratum.

Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies that operate at more than one physical location). Approximately 230,000 of the 370,000 establishments in the 1992 census were assigned to the mail stratum.

On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1994 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1992 census. Supplemental samples representing both 1993 and 1994 births (newly active establishments that were not included in the 1992 census) were also selected. Establishments selected for the sample will be mailed an ASM survey questionnaire for each year through 1998.

The 1994-98 ASM sample design is similar to the one used since 1984. Companies in the 1992 Census of Manufactures with manufacturing shipments of at least $500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1994-98 sample, there are approximately 650 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. In addition, all establishments producing products in SIC 3571 (Electronic Computers) were defined as certainties. Across these three arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1992 Census of Manufactures.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1992 industry classification, it's 1992 product class data, and the historical variability of the year-to-year estimates of the product

[1] *Standard Industrial Classification Manual: 1987.* For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

class estimates. For each product class (1,755) and four-digit industry (459), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by our primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) which permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

Nonmail component. The initial nonmail component of the survey was comprised of approximately 140,000 small, single-establishment companies that were tabulated as administrative records in the 1992 Census of Manufactures. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the IRS and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum.

For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

DESCRIPTION OF THE ESTIMATING PROCEDURE

Most of the ASM estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current year data values and the corresponding 1992 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the "difference" between the current year and the base year is computed from sample cases and added to the corresponding base year values. For the 1993-1997 ASM estimates, the 1992 Census of Manufactures values serve as the base year. For the 1998 ASM, the base will be updated to be the 1997 Census of Manufactures.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contains approximately 170,000 individual establishments in 1994, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication.

QUALIFICATIONS OF THE DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretical, comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.

2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.

3. From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DESCRIPTION OF IMPUTATION PROCEDURE

The need for imputation in the ASM arises from several sources. Complete nonresponse, partial nonresponse, inconsistent reported data, and the Bureau's desire to reduce the reporting burden for small manufacturers are the primary factors contributing to the need for imputation.

For purposes of the ASM, an item is considered to be an impute if the value was not directly reported on the questionnaire, directly derived from other reported items, directly available from supplemental sources, or obtained from the respondent during the analytical review phase.

In imputing records for nonrespondents, two basic approaches are followed. For most larger establishments, operational information is available from the prior-year ASM. Imputation for 1996 data for establishments with 1995 data available involves adjusting the corresponding 1995 data by estimates of the year-to-year relative change. These estimates are developed based on employment and payroll data from the Bureau of Labor Statistics at the industry group (three-digit SIC) level and are then applied to the 1995 prior-year establishment values for employment and payroll. The remaining data for the establishment are developed based on their prior-year relationship to these two control items. For nonrespondents that have no prior-year record available including establishments not included in the mail portion of the survey, administrative-record data for annual payroll and employment are used. For all other items, industry average relationships between these control items and the item to be imputed are used.

At the total manufacturing level, the overall imputation rate is approximately 7 percent of the published value of shipments figure for 1996. However, this rate varies widely by four-digit industry, five-digit product class, and State total. The median imputation rate for a four-digit industry was 10 percent; for a five-digit product class, the rate was somewhat higher; and for a State total, the rate was comparable to the four-digit industry.

EXPLANATION OF TERMS

Value of Shipments

This item covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and resold without further processing. Included are all items made by or for the establishments from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiestablishment companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of "all other costs" (including company overhead) and profit. (See discussion of duplication of data below.)

End-of-Year Inventories

Respondents were asked to report their 1994 and 1995 end-of-year inventories at cost or market. Effective with the 1982 Economic Censuses, this change to a uniform instruction for reporting inventories was introduced for all sector

reports. Prior to 1982, respondents were permitted to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few). In 1982, LIFO users were asked to first report inventory values prior to the LIFO adjustment and then to report the LIFO reserve and the LIFO value after adjustment for the reserve.

Because of this change in reporting instructions, 1982 through 1996 data for inventories are not comparable to the prior-year data in historical censuses of manufactures and ASM publications.

When using inventory data by stage of fabrication for "all industries" and at the two-digit industry level, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished-product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and manufacturing totals, which are aggregates of figures reported by establishments in specified industries.

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